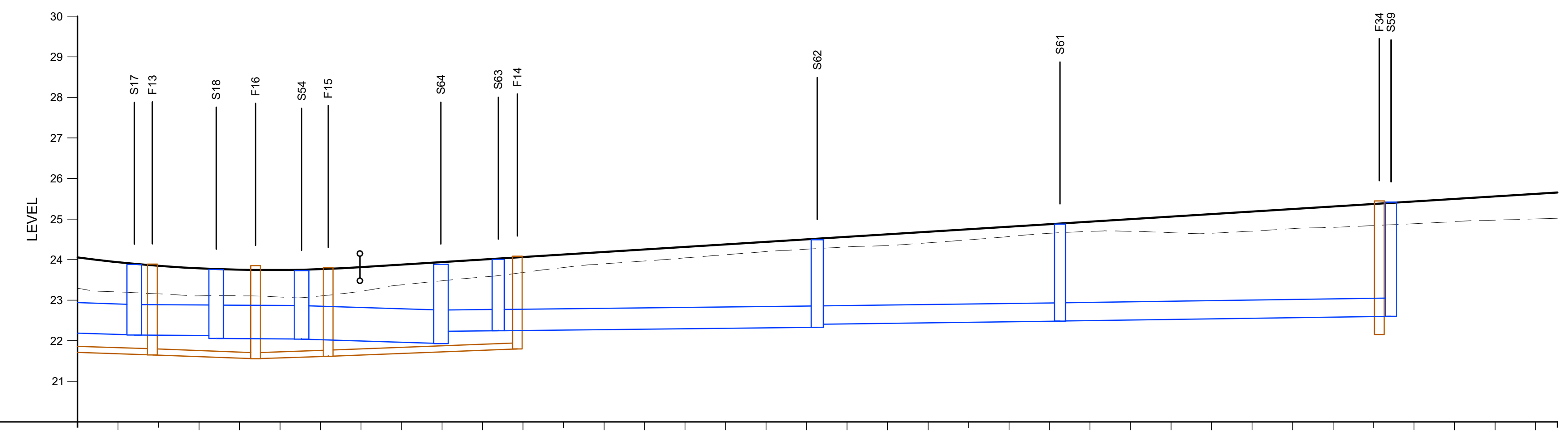


CHAINAGE	EXISTING LEVELS	PROPOSED LEVELS	LEVEL DIFFERENCE
440.000	23.298	24.054	-0.756
445.000	23.202	23.936	0.734
450.000	23.156	23.846	-0.691
455.000	23.107	23.785	0.677
460.000	23.107	23.750	0.643
465.000	23.078	23.744	0.666
470.000	23.103	23.765	0.663
475.000	23.220	23.815	0.595
480.000	23.377	23.877	0.500
485.000	23.479	23.939	0.460
490.000	23.569	24.001	0.432
495.000	23.684	24.064	0.380
500.000	23.805	24.126	-0.321
505.000	23.897	24.188	0.291
510.000	23.965	24.251	0.286
515.000	24.042	24.313	0.270
520.000	24.121	24.375	0.254
525.000	24.199	24.438	0.239
530.000	24.257	24.500	0.243
535.000	24.315	24.562	0.247
540.000	24.345	24.624	0.279
545.000	24.413	24.687	0.273
550.000	24.489	24.749	-0.260
555.000	24.570	24.811	0.242
560.000	24.649	24.874	0.224
565.000	24.697	24.936	0.239
570.000	24.698	24.998	0.300
575.000	24.663	25.061	0.398
580.000	24.650	25.123	0.473
585.000	24.703	25.185	0.483
590.000	24.763	25.247	0.484
595.000	24.795	25.310	0.514
600.000	24.839	25.372	-0.533
605.000	24.885	25.434	0.549
610.000	24.938	25.497	0.559
615.000	24.974	25.559	0.584
620.000	25.002	25.621	0.619
622.683	25.018	25.655	-0.637

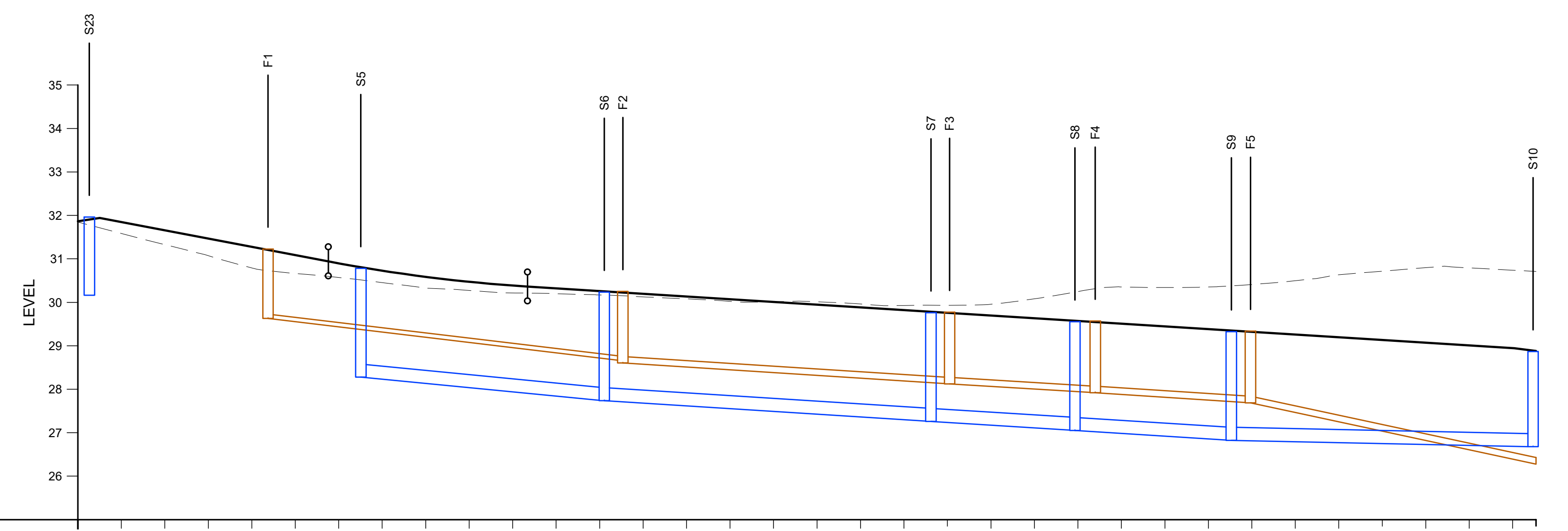
VERTICAL GEOMETRY	R =900.000 K =9.000 L =54.293	G =1:80 L =147.821

HORIZONTAL GEOMETRY	L =15.964	R: 16.500 L: 17.374	L =5.965	R: 21.500 L: 7.519	R: 21.500 L: 3.396	R: 42.500 L: 26.261	R: 85.500 L: 17.521	L =6.029	R: 77.500 L: 19.107	L =9.161	R: 34.500 L: 15.413	R: 41.500 L: 11.937	L =37.922

FOUL WATER COVER LEVEL		CL: 23.888	CL: 23.849	CL: 23.800	CL: 24.083	CL: 25.446
FOUL WATER INVERT LEVEL	IL: 21.859 IL: 21.651	IL: 21.651 IL: 21.555	IL: 21.555 IL: 21.617	IL: 21.617 IL: 21.796	IL: 22.154	
FOUL WATER DETAILS	PIPE 1.008 DIA 150 @ 1:150 CIRC CLAY BEDDING CLASS S	PIPE 1.009 DIA 150 @ 1:150 CIRC CLAY BEDDING CLASS S	PIPE 3.001 DIA 150 @ 1:149 CIRC CLAY BEDDING CLASS S	PIPE 3.000 DIA 150 @ 1:129 CIRC CLAY BEDDING CLASS S		
FOUL WATER LENGTHS	31.272	14.445	9.268	23.177		

STORM WATER COVER LEVEL		CL: 23.879	CL: 23.756	CL: 23.729	CL: 23.883	CL: 24.006	CL: 24.491	CL: 24.874	CL: 25.416
STORM WATER INVERT LEVEL	IL: 22.300 IL: 22.142	IL: 22.142 IL: 22.129	IL: 22.054 IL: 22.041	IL: 22.041 IL: 21.930	IL: 22.230 IL: 22.246	IL: 22.246 IL: 22.332	IL: 22.407 IL: 22.485	IL: 22.485 IL: 22.604	
STORM WATER DETAILS	PIPE 1.007 DIA 750 @ 1:151 CIRC CONC RC SLAB PROTECTION	PIPE 1.008 DIA 750 @ 1:714 CIRC CONC RC SLAB PROTECTION	PIPE 1.009 DIA 825 @ 1:772 CIRC CONC RC SLAB PROTECTION	PIPE 1.010 DIA 825 @ 1:158 CIRC CONC RC SLAB PROTECTION	PIPE 12.007 DIA 525 @ 1:455 CIRC CONC RC SLAB PROTECTION	PIPE 12.006 DIA 525 @ 1:455 CIRC CONC BEDDING CLASS S	PIPE 12.005 DIA 450 @ 1:385 CIRC CONC BEDDING CLASS S	PIPE 12.004 DIA 450 @ 1:341 CIRC CONC BEDDING CLASS S	
STORM WATER LENGTHS	23.804	9.623	10.329	17.557	7.061	39.211	30.026	40.561	

PH3_ROAD 06
SCALE: H 1:500,V 1:100. DATUM: 20.000



CHAINAGE	EXISTING LEVELS	PROPOSED LEVELS	LEVEL DIFFERENCE
00.000	31.848	31.865	-0.017
05.000	31.584	31.845	-0.261
10.000	31.327	31.655	-0.328
15.000	31.074	31.466	-0.391
20.000	30.789	31.276	-0.487
25.000	30.665	31.086	-0.421
30.000	30.571	30.897	-0.326
35.000	30.454	30.728	-0.274
40.000	30.331	30.586	-0.255
45.000	30.274	30.472	-0.199
50.000	30.216	30.386	0.171
55.000	30.200	30.322	-0.123
60.000	30.170	30.260	-0.089
65.000	30.126	30.197	-0.071
70.000	30.080	30.134	-0.055
75.000	30.024	30.072	-0.048
80.000	30.015	30.009	0.006
85.000	30.011	29.947	0.064
90.000	29.961	29.884	0.077
95.000	29.925	29.821	0.104
100.000	29.931	29.759	-0.173
105.000	29.955	29.696	0.259
110.000	30.082	29.634	0.448
115.000	30.247	29.571	0.677
120.000	30.354	29.508	0.846
125.000	30.340	29.446	0.894
130.000	30.353	29.383	0.970
135.000	30.409	29.320	1.089
140.000	30.497	29.258	1.239
145.000	30.635	29.195	1.440
150.000	30.716	29.133	-1.584
155.000	30.797	29.070	1.727
160.000	30.792	29.007	1.785
165.000	30.739	28.945	1.795
167.686	30.711	28.880	-1.831

VERTICAL GEOMETRY	G =1:34 L =2.512	G =1:26 L =26.295	R =900.000 K =9.000 L =22.896	G =1:80 L =113.484	G =1:40 L =2.500

HORIZONTAL GEOMETRY	L =13.040	R: 41.500 L: 12.229	L =25.015	R: 90.500 L: 16.187	L =26.273	R: 67.500 L: 51.981	L =22.961

FOUL WATER COVER LEVEL		CL: 31.228	CL: 30.254	CL: 29.773	CL: 29.569	CL: 29.338
FOUL WATER INVERT LEVEL		IL: 29.628 IL: 28.654	IL: 28.604 IL: 28.123	IL: 28.123 IL: 27.919	IL: 27.919 IL: 27.688	IL: 27.688 IL: 26.230
FOUL WATER DETAILS		PIPE 1.000 DIA 100 @ 1:42 CIRC CLAY BEDDING CLASS S	PIPE 1.001 DIA 150 @ 1:78 CIRC CLAY BEDDING CLASS S	PIPE 1.002 DIA 150 @ 1:81 CIRC CLAY BEDDING CLASS S	PIPE 1.003 DIA 150 @ 1:76 CIRC CLAY BEDDING CLASS S	PIPE 1.004 DIA 150 @ 1:23 CIRC CLAY BEDDING CLASS S
FOUL WATER LENGTHS		40.841	37.529	16.502	17.599	33.812

STORM WATER COVER LEVEL	CL: 31.961	CL: 30.780	CL: 30.236	CL: 29.760	CL: 29.553	CL: 29.324	CL: 28.867
STORM WATER INVERT LEVEL		IL: 28.280 IL: 27.736	IL: 27.736 IL: 27.260	IL: 27.260 IL: 27.053	IL: 27.053 IL: 26.824	IL: 26.824 IL: 26.678	
STORM WATER DETAILS		PIPE 2.000 DIA 300 @ 1:51 CIRC CLAY BEDDING CLASS S	PIPE 2.001 DIA 300 @ 1:79 CIRC CLAY BEDDING CLASS S	PIPE 2.002 DIA 300 @ 1:81 CIRC CLAY BEDDING CLASS S	PIPE 2.003 DIA 300 @ 1:79 CIRC CLAY BEDDING CLASS S	PIPE 2.004 DIA 300 @ 1:238 CIRC CLAY BEDDING CLASS S	
STORM WATER LENGTHS		27.902	37.581	16.730	18.192	34.860	

PH3_ROAD 07
SCALE: H 1:500,V 1:100. DATUM: 25.000

NOTES

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH CODE FOR ADOPTION, SPECIFICATIONS FOR HIGHWAY WORKS, AND ALL OTHER RELATED DRAWINGS ISSUED.
2. IF THERE IS ANY AMBIGUITY BETWEEN THE DRAWINGS, THE CONTRACTOR SHALL IMMEDIATELY INFORM THE ENGINEER.
3. DO NOT SCALE FROM THIS DRAWING UNLESS FOR PLANNING PURPOSES. WORK FROM FIGURED DIMENSIONS ONLY.
4. ALL DIMENSIONS SHOWN ON THIS DRAWING ARE IN METRES.
5. ALL DIMENSIONS, LEVELS AND SURVEY GRID CO-ORDINATES ARE TO BE CHECKED ON SITE AND THE ENGINEER NOTIFIED IMMEDIATELY OF ANY DISCREPANCIES PRIOR TO THE COMMENCEMENT OF THE WORKS.
6. NO DEVIATION FROM THE DETAILS SHOWN ON THIS DRAWING IS PERMITTED WITHOUT PERMISSION FROM THE ENGINEER.
7. FOR PROPOSED LEVELS, CONTOURS AND DRAINAGE REFER TO ODYSSEY DRAWINGS 22-190/300 TO 22-190/303.

LEGEND

– – –	EXISTING GROUND PROFILE
━━━	PROPOSED GROUND PROFILE
🟧	ADOPTABLE S104 FOUL WATER SEWER AND MANHOLE
🟦	ADOPTABLE S104 SURFACE WATER SEWER AND MANHOLE
───	SURFACE WATER SEWER AND MANHOLE DESIGNED BY PFA
CIRC CLAY	EXTRA STRENGTH VITRIFIED CLAY WITH SPIGOT AND SOCKET FLEXIBLE JOINTS TO BS EN 295.
CIRC CONC	FLEXIBLE JOINTED CONCRETE PIPES TO BS EN 1916:2002/BS 5911_1:2002 CLASS 120

SUBJECT TO
TECHNICAL APPROVAL

Rev	Amendments	Drn	Chk	App	Date
A	UPDATED AS PER CLIENT COMMENTS	AM	SOM	LH	28.03.25

ODYSSEY

Tuscany House
White Hart Lane
Basingstoke
Hampshire RG21 4AF

Telephone: 01256 331144
Fax: 01256 331134
E: info@odysseyconsult.co.uk
W: www.odysseyconsult.co.uk

Job Title
BOORLEY GARDENS
PHASE 3

Drawing Title
LONGSECTIONS
SHEET 3

Client
Bellway

Scale AS SHOWN @A0	Date DEC 24	Designed SOM
Drawn TB	Checked RM	Approved LH
Job No 22-190	Drawing No 22-190/315	Rev A

P:\22-190 - Boorley Gardens\Tech\Acad\Drawings\300 Series - Phase 3\22-190-315 Longsections Sheet 3.dwg