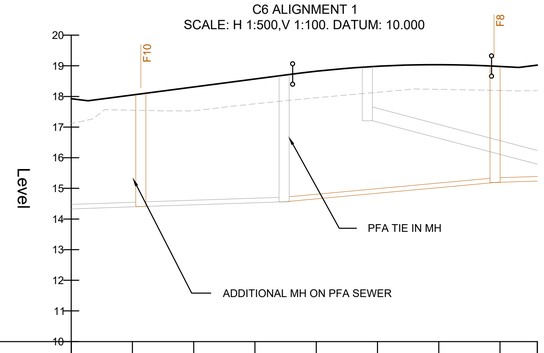
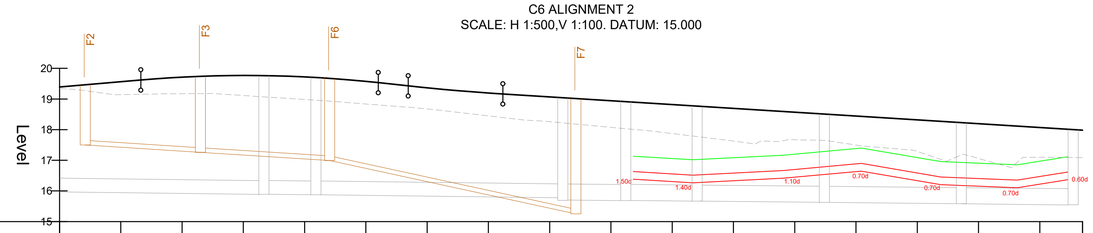
C6 ALIGNMENT 1
SCALE: H 1:500,V 1:100. DATUM: 10.000



Chainage	00.000	10.000	20.000	30.000	40.000	50.000	60.000	70.000	76.085					
Existing Levels	17.117	17.550	17.530	17.759	17.956	18.136	18.231	18.194	18.189					
Proposed Levels	17.925	17.859	18.048	18.309	18.570	18.730	18.823	18.985	19.007	19.036	18.991	18.976	18.947	19.022
Level Difference	0.808	0.626	0.498	0.779	0.811	0.846	0.866	0.849	0.828	0.805	0.797	0.783	0.764	0.832
Vertical Geometry	G =1:42 L =2.753	G =1:38 L =33.391	R =900.000 K =9.000 L =32.472	G =1:100 L =4.469	G =1:40 L =3.000									
Horizontal Geometry	L =34.855	R: 30.000 L: 1.984	L =39.246											
Foulwater Cover Level		Cl.: 18.060	Cl.: 18.665	Cl.: 18.969										
Foulwater Invert Level		IL: 14.405	IL: 14.560	IL: 14.560	IL: 15.192	IL: 15.192	IL: 15.250							
Foulwater Details		Pipe FW F 1.006 150Ø 1:150 Circ Clay Bedding Class S		Pipe FW F 1.005 150Ø 1:54 Circ Clay Bedding Class S		Pipe FW F 1.004 150Ø 1:150 Circ Clay Bedding Class S								
Foulwater Lengths		23.39		34.35		8.66								

C6 ALIGNMENT 2
SCALE: H 1:500,V 1:100. DATUM: 15.000



Chainage	00.000	10.000	20.000	30.000	40.000	50.000	60.000	70.000	80.000	90.000	100.000	110.000	120.000	130.000	140.000	150.000	160.000	166.962								
Existing Levels	19.345	19.142	19.173	19.114	18.986	18.837	18.674	18.449	18.260	18.074	17.872	17.627	17.670	17.498	17.288	17.060	17.099	17.085								
Proposed Levels	19.392	19.507 19.505 19.564	19.620 19.640	19.713	19.756	19.767 19.765 19.761	19.747	19.721	19.610 19.576 19.534	19.429	19.365	19.279	19.196 19.165	19.070	19.017 18.999 18.980	18.945	18.820	18.722 18.695	18.644 18.620	18.570	18.445	18.377 18.352	18.320	18.195	18.070	17.983
Level Difference	0.047	0.307 0.305 0.322	0.465 0.481	0.539	0.590	0.657 0.665 0.666	0.700	0.736	0.744 0.706 0.728	0.698	0.691	0.706	0.748 0.772	0.809	0.835 0.844 0.853	0.870	0.948	1.040 1.068	1.062 0.999	0.900	0.947	0.984 0.992	1.031	1.135	0.971	0.888
Vertical Geometry	G =1:69 L =13.269	R =1000.000 K =10.000 L =38.765	G =1:46 L =4.878	R =1700.000 K =17.000 L =15.463	G =1:80 L =94.593																					
Horizontal Geometry	R: 20.000 L =6.722	R: 103.000 L: 32.031	L: 11.551	R: 103.000 L: 11.107	R: 50.000 L: 5.301	L =11.475	R: 50.000 L: 3.917	L =32.115	R: 20.000 L: 2.984	L =20.675	R: 20.000 L: 4.185	R: 20.000 L: 2.034	R: 20.000 L: 1.956	L =19.431	R: 20.000 L: 3.992	L =27.544										
Foulwater Cover Level		Cl.: 19.398	Cl.: 19.700	Cl.: 19.616	Cl.: 18.972																					
Foulwater Invert Level		IL: 17.500	IL: 17.259	IL: 17.259	IL: 16.992	IL: 16.992	IL: 15.250																			
Foulwater Details		Pipe FW F 1.001 150Ø 1:80 Circ Clay Bedding Class S		Pipe FW F 1.002 150Ø 1:80 Circ Clay Bedding Class S		Pipe FW F 1.003 150Ø 1:23 Circ Clay Bedding Class S																				
Foulwater Lengths		19.28		21.42		40.37																				

NOTES

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH "SEWERS FOR ADOPTION 6th/7th EDITION - A DESIGN AND CONSTRUCTION GUIDE FOR DEVELOPERS" PLUS ALL OTHER RELATED DOCUMENTS ISSUED BY THE ENGINEER.

2. IF THERE IS ANY AMBIGUITY BETWEEN THE DRAWINGS, THE CONTRACTOR SHALL IMMEDIATELY INFORM THE ENGINEER.

3. DO NOT SCALE FROM THIS DRAWING. 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. CONTRACTOR TO ENSURE SMOOTH TRANSITION IN FINISHED SURFACE LEVELS BETWEEN EXISTING AND PROPOSED LEVELS.

8. FOR DRAINAGE CONSTRUCTION DETAILS REFER TO ODYSSEY DRAWING NUMBER 17-301/303.

9. FOR HIGHWAY CONSTRUCTION DETAILS REFER TO ODYSSEY DRAWING NUMBER 17-301/302.

10. WHERE HIGHWAY FORMATION LEVEL IS ABOVE EXISTING GROUND AN ENGINEERING FILL MATERIAL IS TO BE LAID TO A SPECIFICATION FROM A GEOTECHNICAL ENGINEER. ANY COMPACTION WITHIN THE VICINITY OF THE GAS MAIN IS TO BE AGREED WITH SGN.

11. ADOPTABLE SURFACE WATER SEWER DESIGN IS BY PFA. REFER TO DRAWING B641/366 REV G FOR DETAILS.

LEGEND

- EXISTING GROUND PROFILE
- PROPOSED ALIGNMENT PROFILE
- S104 FOUL WATER SEWER
- PFA DESIGNED SEWER (SEE NOTE 11)
- EXISTING GAS MAIN. ESTIMATED DEPTHS BASED ON EXISTING GROUND LEVELS VS RADAR SCAN.
- 0.5m OFFSET FROM EXISTING GAS MAIN
- CIRC CLAY — EXTRA STRENGTH VITRIFIED CLAY WITH SPIGOT AND SOCKET FLEXIBLE JOINTS TO BS EN 295.

GAS MAIN LINE AND LEVEL IS BASED UPON RADAR SCAN BY ENCOMPASS SURVEYS (DRAWING ENC-221018-U6A6) AND F3 GROUP JULY 2018 SITE TOPOGRAPHICAL SURVEY. CONTRACTOR IS TO CHECK POSITION PRIOR TO STARTING WORK ON SITE AND ENSURE MINIMUM 500mm CLEARANCE FROM FORMATION OF HIGHWAY TO GAS MAIN

FOR CONSTRUCTION
SUBJECT TO TECHNICAL APPROVAL

Rev	Amendments	Drn	Chk	App	Date
D	JOB TITLE UPDATED	HM	RM	TG	21.06.21
C	HIGHWAY UPDATED TO SUIT PFA SW DRAINAGE COVER LEVELS. SW DRAINAGE AS PER PFA DESIGN. FOUL UPDATED TO SUIT.	JA	RM	TG	09.08.19
B	ROAD LEVELS RAISED AND GAS MAIN ADDED	JA	RM	TG	18.01.19
A	SURFACE WATER INFORMATION ADDED	JA	RM	TG	15.10.18

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Job Title
BOORLEY GREEN, BOTLEY
PHASE C5

Drawing Title
LONGSECTIONS
SHEET 1 OF 2

Client
BOVIS HOMES

Scale	Date	Designed
AS SHOWN @A1	AUG 18	RM
Drawn	Checked	Approved
KRG	RM	TG

Job No	Drawing No	Rev
17-301	17-301/307	D

P:\17-301 - Boorley Green, Botley\Tech\Acad\Drawings\300 Series C5 & C6\17-301-307 Longsections Sheet 1 of 2.dwg