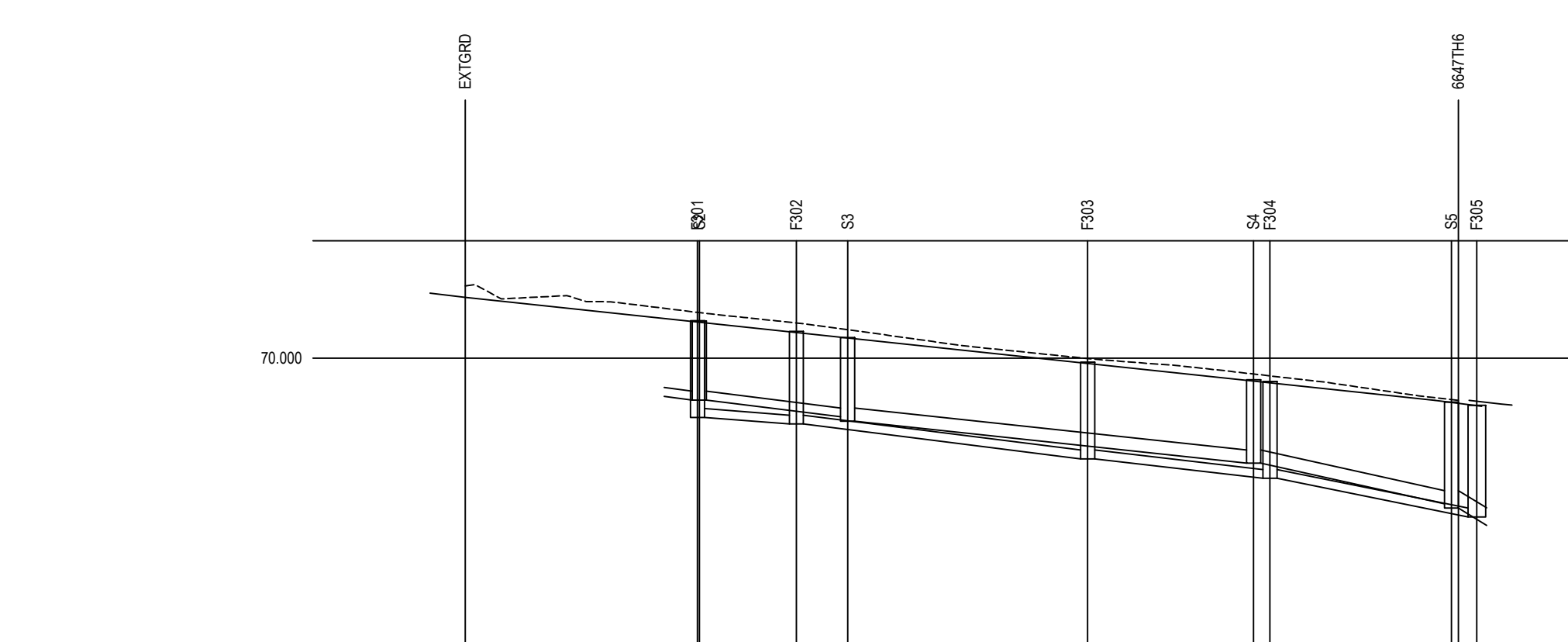
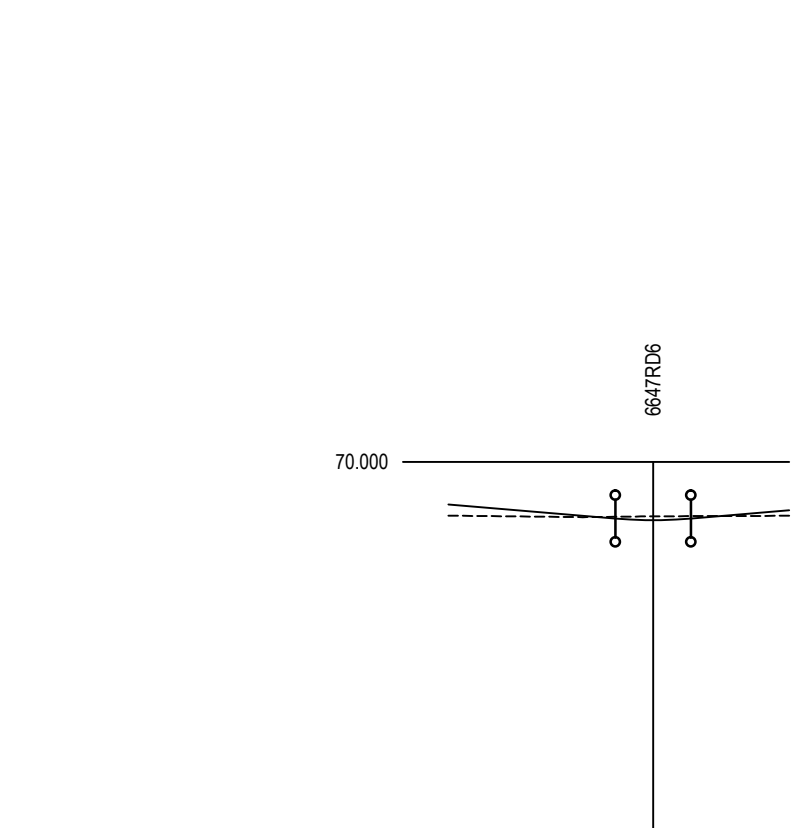


- Notes
- This drawing has been prepared in accordance with the scope of RPS's appointment with its client and is subject to the terms and conditions of that appointment. RPS accepts no liability for any use of this document other than by its client and only for the purposes for which it was prepared and provided, if received electronically, it is the recipient's responsibility to print to correct scale.
 - Only written dimensions should be used.
 - The drawing should be read in conjunction with all other relevant drawings and specifications.

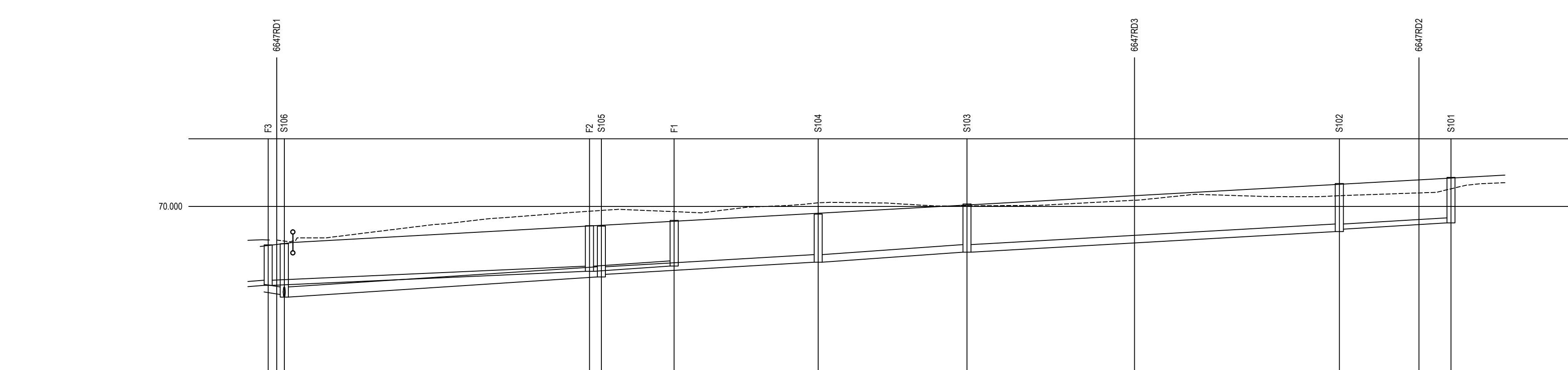
- Inver methods dimensions are centre to centre and do not relate to road drainage details.
- Manhole cover levels quoted are approximate and are to be adjusted to suit final levels.
- All pipework to enter manholes with level valves. Single levels quoted are the lowest invert levels.
- All bedding to be Class 2 unless otherwise stated. Quality conditions are to be accompanied by certificates.
- All outfall levels are to be checked prior to commencement of drainage works.



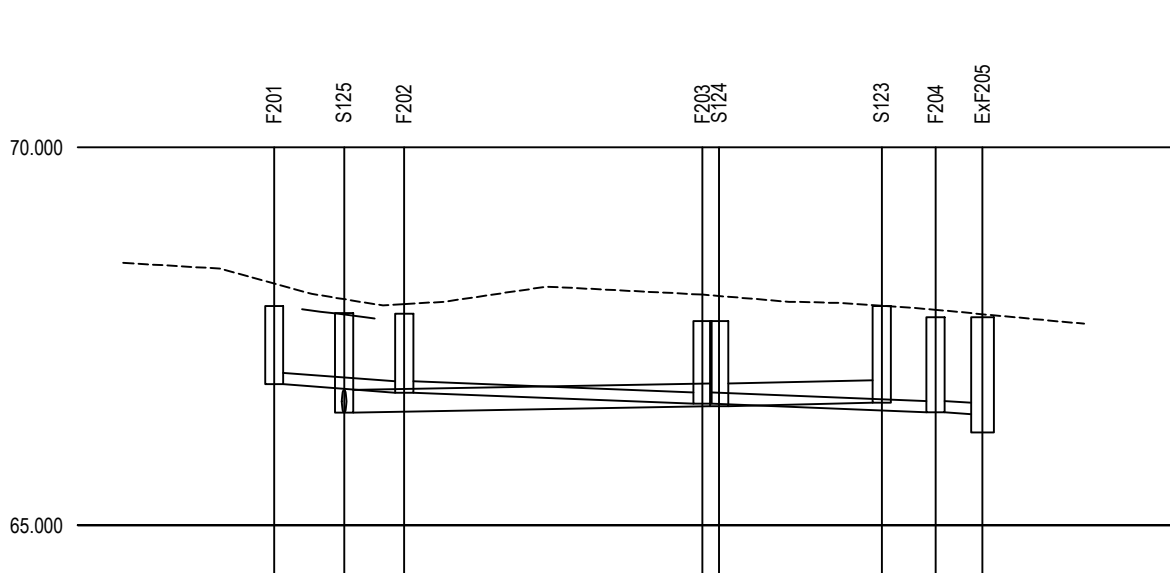
CHANGING	6647R00	6647R01	6647R02	6647R03	6647R04	6647R05	6647R06	6647R07	6647R08	6647R09	6647R10	6647R11	6647R12	6647R13	6647R14	6647R15	6647R16
EXISTING GROUND LEVEL	71.225	70.884	70.776	70.564	70.600	70.636	70.672	70.708	70.744	70.780	70.816	70.852	70.888	70.924	70.960	70.996	71.032
ALIGNMENT LEVEL	71.137	70.824	70.612	70.400	70.288	70.176	70.064	69.952	69.840	69.728	69.616	69.504	69.392	69.280	69.168	69.056	68.944
VERTICAL ALIGNMENT	G = -2.134% 1:47.1																
HORIZONTAL ALIGNMENT	R = 8.000 R = 12.000 R = 40.000 R = 80.000 R = 20.000																
STORMWATER COVER LEVEL	70.636	70.524	70.412	70.300	70.188	70.076	69.964	69.852	69.740	69.628	69.516	69.404	69.292	69.180	69.068	68.956	68.844
STORMWATER INVERT	69.368	69.256	69.144	69.032	68.920	68.808	68.696	68.584	68.472	68.360	68.248	68.136	68.024	67.912	67.800	67.688	67.576
STORMWATER DETAILS	Pipe 1.001 Dia 150 Circular CLAY 1 in 43		Pipe 1.002 Dia 225 Circular CLAY 1 in 46				Pipe 1.003 Dia 225 Circular CLAY 1 in 25										
STORMWATER LENGTHS	12.225		34.729				17.088										
FOULWATER COVER LEVEL	69.368	69.256	69.144	69.032	68.920	68.808	68.696	68.584	68.472	68.360	68.248	68.136	68.024	67.912	67.800	67.688	67.576
FOULWATER INVERT	68.080	68.007	68.007	68.007	68.007	68.007	68.007	68.007	68.007	68.007	68.007	68.007	68.007	68.007	68.007	68.007	68.007
FOULWATER DETAILS	Pipe 1.000 Dia 150 Circular CLAY 1 in 78		Pipe 1.001 Dia 150 Circular CLAY 1 in 41		Pipe 1.002 Dia 150 Circular CLAY 1 in 46		Pipe 1.003 Dia 150 Circular CLAY 1 in 27										
FOULWATER LENGTHS	8.608		24.442		15.172		17.487										



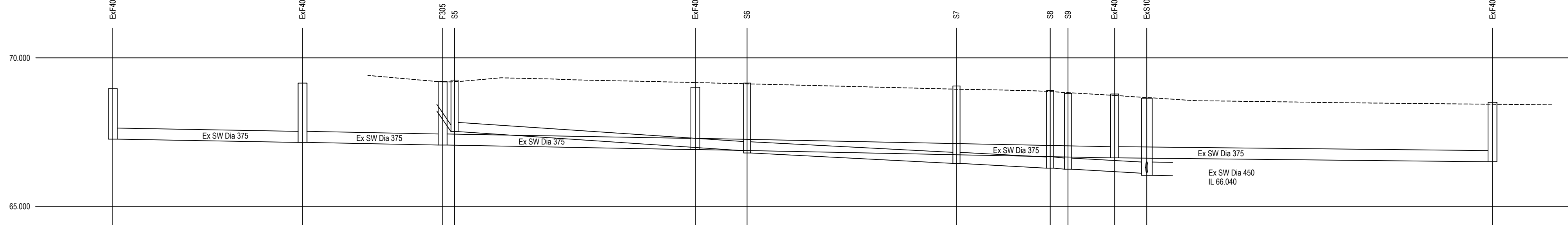
CHANGING	6647T00	6647T01	6647T02	6647T03	6647T04	6647T05	6647T06
EXISTING GROUND LEVEL	69.244	69.244	69.244	69.244	69.244	69.244	69.244
ALIGNMENT LEVEL	69.244	69.244	69.244	69.244	69.244	69.244	69.244
VERTICAL ALIGNMENT	G = -1.987% 1:49.0						
HORIZONTAL ALIGNMENT	R = 1.000 R = 1.000 R = 1.000 R = 1.000 R = 1.000 R = 1.000 R = 1.000						



CHANGING	6647R00	6647R01	6647R02	6647R03	6647R04	6647R05	6647R06	6647R07	6647R08	6647R09	6647R10	6647R11	6647R12	6647R13	6647R14	6647R15	6647R16	6647R17	6647R18	6647R19	6647R20			
EXISTING GROUND LEVEL	69.054	69.135	69.135	69.135	69.135	69.135	69.135	69.135	69.135	69.135	69.135	69.135	69.135	69.135	69.135	69.135	69.135	69.135	69.135	69.135	69.135			
ALIGNMENT LEVEL	68.933	68.933	68.933	68.933	68.933	68.933	68.933	68.933	68.933	68.933	68.933	68.933	68.933	68.933	68.933	68.933	68.933	68.933	68.933	68.933	68.933			
VERTICAL ALIGNMENT	G = 1.111% 1:90.0																							
HORIZONTAL ALIGNMENT	R = 16.000 R = 16.000 R = 5.000																							
STORMWATER COVER LEVEL	68.852	68.852	68.852	68.852	68.852	68.852	68.852	68.852	68.852	68.852	68.852	68.852	68.852	68.852	68.852	68.852	68.852	68.852	68.852	68.852	68.852			
STORMWATER INVERT	67.371	67.371	67.371	67.371	67.371	67.371	67.371	67.371	67.371	67.371	67.371	67.371	67.371	67.371	67.371	67.371	67.371	67.371	67.371	67.371	67.371			
STORMWATER DETAILS	Pipe 1.004 Dia 300 Circular CLAY 1 in 79				Pipe 1.003 Dia 225 Circular CLAY 1 in 21				Pipe 1.002 Dia 225 Circular CLAY 1 in 14				Pipe 1.001 Dia 150 Circular CLAY 1 in 91				Pipe 1.000 Dia 150 Circular CLAY 1 in 90							
STORMWATER LENGTHS	47.188				32.660				22.082				55.215				16.521							
FOULWATER COVER LEVEL	68.852	68.852	68.852	68.852	68.852	68.852	68.852	68.852	68.852	68.852	68.852	68.852	68.852	68.852	68.852	68.852	68.852	68.852	68.852	68.852	68.852			
FOULWATER INVERT	67.366	67.366	67.366	67.366	67.366	67.366	67.366	67.366	67.366	67.366	67.366	67.366	67.366	67.366	67.366	67.366	67.366	67.366	67.366	67.366	67.366			
FOULWATER DETAILS	Pipe 1.001 Dia 150 Circular CLAY 1 in 114				Pipe 1.000 Dia 150 Circular CLAY 1 in 79																			
FOULWATER LENGTHS	47.434				12.260																			



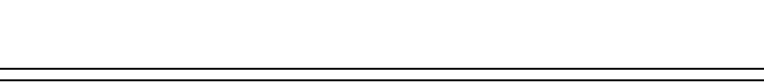
GROUND LEVEL	6647R00	6647R01	6647R02	6647R03	6647R04	6647R05	6647R06	
STORMWATER COVER LEVEL	67.052	67.052	67.052	67.052	67.052	67.052	67.052	
STORMWATER INVERT	66.461	66.461	66.461	66.461	66.461	66.461	66.461	
STORMWATER DETAILS	Pipe 3.001 Dia 300 Circular CLAY 1 in 295		Pipe 3.000 Dia 300 Circular CLAY 1 in 250					
STORMWATER LENGTHS	25.640		10.761					
FOULWATER COVER LEVEL	67.050	67.050	67.050	67.050	67.050	67.050	67.050	
FOULWATER INVERT	66.888	66.888	66.888	66.888	66.888	66.888	66.888	
FOULWATER DETAILS	Pipe 1.000 Dia 150 Circular CLAY 1 in 78		Pipe 1.001 Dia 150 Circular CLAY 1 in 34		Pipe 1.002 Dia 150 Circular CLAY 1 in 34		Pipe 1.003 Dia 150 Circular CLAY 1 in 34	
FOULWATER LENGTHS	8.590		19.729		15.415		0.898	



GROUND LEVEL	6647R07	6647R08	6647R09	6647R10	6647R11	6647R12	6647R13	6647R14	6647R15	6647R16	6647R17	6647R18	6647R19	6647R20
STORMWATER COVER LEVEL	68.852	68.852	68.852	68.852	68.852	68.852	68.852	68.852	68.852	68.852	68.852	68.852	68.852	68.852
STORMWATER INVERT	67.371	67.371	67.371	67.371	67.371	67.371	67.371	67.371	67.371	67.371	67.371	67.371	67.371	67.371
STORMWATER DETAILS	Pipe 1.004 Dia 300 Circular CLAY 1 in 100				Pipe 1.005 Dia 375 Circular CLAY 1 in 100				Pipe 1.006 Dia 375 Circular CLAY 1 in 100		Pipe 1.007 Dia 375 Circular CLAY 1 in 100		Pipe 1.008 Dia 375 Circular CLAY 1 in 100	
STORMWATER LENGTHS	35.337				35.337				15.820		3.802		13.220	
FOULWATER COVER LEVEL	68.850	68.850	68.850	68.850	68.850	68.850	68.850	68.850	68.850	68.850	68.850	68.850	68.850	68.850
FOULWATER INVERT	67.292	67.292	67.292	67.292	67.292	67.292	67.292	67.292	67.292	67.292	67.292	67.292	67.292	67.292
FOULWATER DETAILS	Pipe 1.000 Dia 375 Circular CLAY 1 in 291				Pipe 1.001 Dia 375 Circular CLAY 1 in 291				Pipe 1.002 Dia 375 Circular CLAY 1 in 294		Pipe 1.003 Dia 375 Circular CLAY 1 in 293		Pipe 1.004 Dia 375 Circular CLAY 1 in 291	
FOULWATER LENGTHS	32.021				23.648				42.639		70.768		63.774	

A FIRST ISSUE KMc TD 15.07.13

Rev	Description	By	Chk	Date



Client **Bellway**
Project **KINGSMERE, BICESTER**

Title **ROAD AND SEWER LONG SECTIONS SHEET 2 OF 2**

Status Preliminary Scale H 500 V 100 @A0 Date Created 15.07.13
Project Leader Drawn By KMc Checked by TD

Drawing Number **JKK6647 _108** Rev **A**