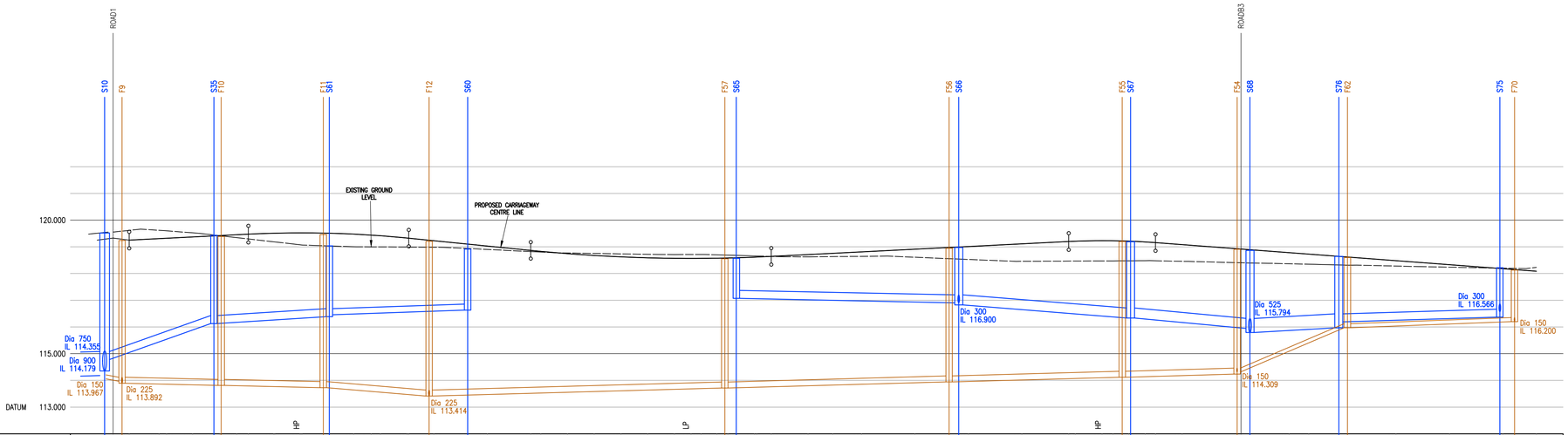


ROADB2

CHAINAGE	EXISTING GROUND LEVEL	ALIGNMENT LEVEL
-1.591	119.553	119.250
0.000		
1.864		
3.000		
8.593	119.599	119.320
10.000		
14.873		
18.849	119.414	119.420
20.000		
23.136		
25.294		
30.000	119.190	119.473
30.233		119.509
35.000 HP		119.523
35.294		119.523
39.310	119.037	119.512
40.445		
45.000		119.476
48.277	118.997	119.415
50.000		
55.000		119.329
55.294		119.323
59.108	118.984	119.229
60.000		
66.323		
70.000	118.902	119.029
78.119		118.867
80.000	118.804	118.830
85.000		118.745
90.000	118.753	118.676
95.000		118.624
100.000	118.719	118.589
105.000		118.570
108.119 LP		118.567
110.000	118.714	118.568
112.857		118.562
114.143		
115.000		
116.584	118.658	118.614
120.000		118.642
120.402		
123.119		118.710
130.000	118.625	
134.634		
140.000	118.644	118.810
150.000	118.610	118.910
156.317		
158.133		
160.000	118.527	119.010
170.000	118.458	119.110
178.755	118.467	119.198
180.000		119.209
185.000 HP		119.230
187.066	118.477	119.230
188.782		119.213
190.000		
190.933		
193.074		119.157
195.000		
200.000	118.458	119.082
210.271	118.408	118.932
211.001		
212.681	118.367	118.782
220.000		
223.882		
229.302	118.317	118.632
230.000		
240.000	118.280	118.482
250.000	118.238	118.332
259.425	118.201	118.182
260.000		
262.171		
266.267	118.232	118.088

VERTICAL ALIGNMENT: G= 1.000% 1: 100.0 | L= 30.000 KF= -10.0 | G= -2.000% 1: -50.0 | KF= 15.0 L= 45.000 | G= 1.000% 1: 100.0 | L= 16.250 KF= -6.50 | G= -1.500% 1: -66.7

HORIZONTAL ALIGNMENT: R= 35.000 | R= 61.000 | R= 25.000 | R= 25.000 | R= 25.000

CHAINAGE	LEFT HAND CHANNEL	RIGHT HAND CHANNEL
8.593	119.231	119.236
10.000	119.245	119.245
14.873	119.295	119.295
18.849	119.345	119.346
30.000	119.395	119.395
30.233	119.434	119.434
35.000 HP	119.452	119.444
35.294	119.437	119.428
39.310	119.383	119.387
48.277	119.312	119.322
55.000	119.217	119.241
59.108	119.113	119.147
60.000	119.050	119.051
70.000	118.954	118.953
78.119	118.854	118.854
80.000	118.755	118.755
85.000	118.670	118.670
90.000	118.601	118.601
95.000	118.549	118.549
100.000	118.514	118.514
105.000	118.495	118.495
108.119 LP	118.493	118.493
112.857	118.431	118.517
114.143		
115.000	118.451	118.564
116.584	118.498	118.560
120.000	118.610	118.610
120.402	118.657	118.707
123.119	118.660	118.710
130.000	118.710	118.710
134.634	118.760	118.760
140.000	118.810	118.810
150.000	118.860	118.860
156.317	118.910	118.910
158.133	118.960	118.960
160.000	119.010	119.010
170.000	119.060	119.060
178.755	119.172	119.109
180.000	119.143	119.130
185.000 HP	119.113	119.162
187.066	119.107	119.058
190.000	119.035	118.979
193.074	118.914	118.951
195.000	118.842	118.873
200.000	118.771	118.794
210.271	118.699	118.716
212.681	118.660	118.638
220.000	118.634	118.557
229.302	118.604	118.482
240.000	118.557	118.407
250.000	118.482	118.332
259.425	118.407	118.257
260.000	118.332	118.182
262.171	118.257	118.107
266.267	118.182	118.032
	118.163	118.013

CHAINAGE	STORMWATER COVER LEVEL	STORMWATER INVERT
-1.591	119.516	
18.849	119.427	114.779
39.310	119.034	116.128
59.108	118.918	116.128
66.323		116.384
108.119 LP	118.569	116.459
112.857		116.631
156.317	118.974	117.069
158.133		
185.000 HP	119.191	116.900
188.782		116.825
190.000		116.334
190.933	118.865	116.334
210.271	118.843	115.944
229.302		115.794
259.425	118.216	115.964
262.171		116.189
266.267		116.366

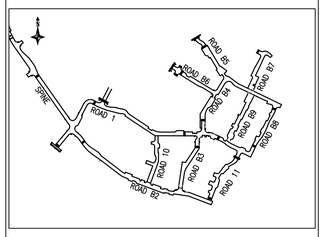
STORMWATER DETAILS	STORMWATER LENGTHS
Pipe 8.002 Dia 300 CONC CLASS 120 CLASS S BED & SURROUND 1 in 15	20.617
Pipe 8.001 Dia 300 CONC CLASS 120 CLASS S BED & SURROUND 1 in 85	21.661
Pipe 8.000 Dia 225 ESVC CLASS S BED & SURROUND 1 in 150	25.836
Pipe 10.000 Dia 300 CONC CLASS 120 CLASS S BED & SURROUND 1 in 245	41.463
Pipe 10.001 Dia 375 CONC CLASS 120 CLASS S BED & SURROUND 1 in 65	32.039
Pipe 10.002 Dia 375 CONC CLASS 120 CLASS S BED & SURROUND 1 in 57	22.247
Pipe 12.002 Dia 525 CONC CLASS 120 CLASS S BED & SURROUND 1 in 99	16.853
Pipe 12.001 Dia 300 CONC CLASS 120 CLASS S BED & SURROUND 1 in 170	30.153

CHAINAGE	FOULWATER COVER LEVEL	FOULWATER INVERT
0.000	119.238	
18.849	119.387	113.892
39.310	119.458	113.812
59.108	119.208	113.812
66.323		113.728
108.119 LP	118.554	113.728
112.857		113.414
156.317	118.952	113.414
158.133		113.714
185.000 HP	119.198	113.714
188.782		113.942
190.000		113.942
190.933	118.908	114.117
210.271	118.599	114.117
229.302		114.234
259.425	118.127	114.309
262.171		115.972
266.267		115.972
		116.200

FOULWATER DETAILS	FOULWATER LENGTHS
Pipe 1.008 Dia 225 ESVC CLASS S BED & SURROUND 1 in 229	18.315
Pipe 1.009 Dia 225 ESVC CLASS S BED & SURROUND 1 in 230	19.279
Pipe 1.010 Dia 225 ESVC CLASS S BED & SURROUND 1 in 64	20.098
Pipe 9.023 Dia 225 ESVC CLASS S BED & SURROUND 1 in 185	55.386
Pipe 9.022 Dia 225 ESVC CLASS S BED & SURROUND 1 in 185	42.147
Pipe 9.021 Dia 225 ESVC CLASS S BED & SURROUND 1 in 185	32.455
Pipe 9.020 Dia 225 ESVC CLASS S BED & SURROUND 1 in 185	21.623
Pipe 16.005 Dia 150 ESVC CLASS S BED & SURROUND 1 in 12	20.370
Pipe 16.004 Dia 150 ESVC CLASS S BED & SURROUND 1 in 137	31.264

GENERAL NOTES.

1. DO NOT SCALE THIS DRAWING.
2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ENGINEERS, ARCHITECTS AND SPECIALIST DESIGN DRAWINGS AND DETAILS.
3. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
4. ANY DISCREPANCIES NOTED ON SITE ARE TO BE REPORTED TO THE ENGINEER IMMEDIATELY.
5. THE CONTRACTOR SHALL ESTABLISH EXACT LEVELS OF THE EXISTING FOUL AND SURFACE WATER SEWERS, AND/OR PROPOSED LEVEL AT DISCHARGE POINT, PRIOR TO THE COMMENCEMENT OF ANY DRAINAGE WORKS.
6. THE CONTRACTOR MUST ENSURE THAT THE GRADIENTS INDICATED ON THE LONGITUDINAL SECTIONS ARE CHECKED BETWEEN THE LEVELS SHOWN, PRIOR TO LAYING PIPES. AT NO TIMES MUST THE CONTRACTOR PROCEED WITH PIPE LAYING BY DIALLING THE GRADIENT SHOWN INTO A LASER WITHOUT CHECKING. ANY DISCREPANCY IN THIS RESPECT MUST BE REPORTED TO THE ENGINEER PRIOR TO PIPE LAYING.
7. THE CONTRACTOR SHALL CHECK HIS PIPE GRADIENTS BY MEANS OF PROFILES AND TRAVELLER TO VERIFY THE LASER GRADIENTS.
8. IN THE EVENT OF THE ABOVE PROCEDURES NOT BEING FOLLOWED, THE CLIENT WILL ACCEPT NO RESPONSIBILITY WHATSOEVER FOR ANY CONSEQUENTIAL LOSS OR DAMAGE.
9. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ALL WORKS ARE TO THE SATISFACTION OF THE ENGINEER AND SHALL BE DEEMED TO HAVE INCLUDED WITHIN HIS RATES FOR ANY NECESSARY TESTING.



ROAD LAYOUT PLAN

REV:	AMENDMENTS:	DRN:	CHK:	DATE:
A	ROAD LAYOUT AND DRAINAGE UPDATED INLINE WITH NEW REVISED LAYOUT.	KA	KM	08.10.14

PROJECT:
LONGFORD PARK
BODICOTE
BANBURY

DRAWING TITLE:
ROAD B2 PROFILE
CHAINAGE -1.591 TO END
SHEET 1 OF 1

CLIENT:
BARRATT HOME, BOVIS HOMES
TAYLOR WIMPEY

DRAWING NUMBER:
20488_02_110_21

REVISION:	SHEET SIZE:	SCALE:
A	A1	1:500H, 1:100V

DRAWN BY:	CHECKED BY:	DATE:
KA	JF	12.09.14

STATUS:
TENDER

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