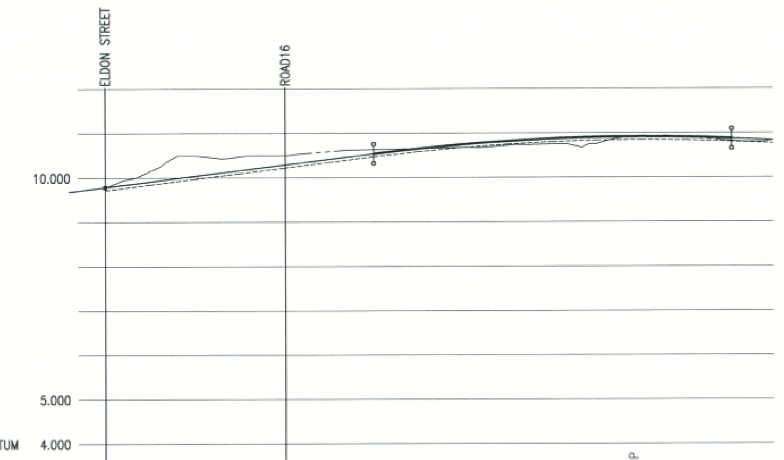
A0

ROAD15

DATUM 4.000



CHAINAGE	EXISTING GROUND LEVEL	ALIGNMENT LEVEL	LEFT HAND CHANNEL	RIGHT HAND CHANNEL
0.000	9.777	9.788	9.719	9.719
5.000		9.913	9.844	9.844
10.000	10.499	10.038	9.969	9.969
15.000		10.163	10.094	10.094
20.000 / 20.950	10.500	10.288	10.219	10.219
25.000		10.413	10.344	10.344
30.000	10.633	10.538	10.469	10.469
35.000		10.652	10.584	10.584
40.000	10.678	10.746	10.677	10.677
45.000		10.819	10.751	10.751
50.000	10.750	10.871	10.803	10.803
55.000		10.903	10.834	10.834
60.000 HP	10.919	10.913	10.845	10.845
65.000		10.903	10.834	10.834
70.000	10.822	10.872	10.803	10.803
74.606	10.834	10.834	10.765	10.765

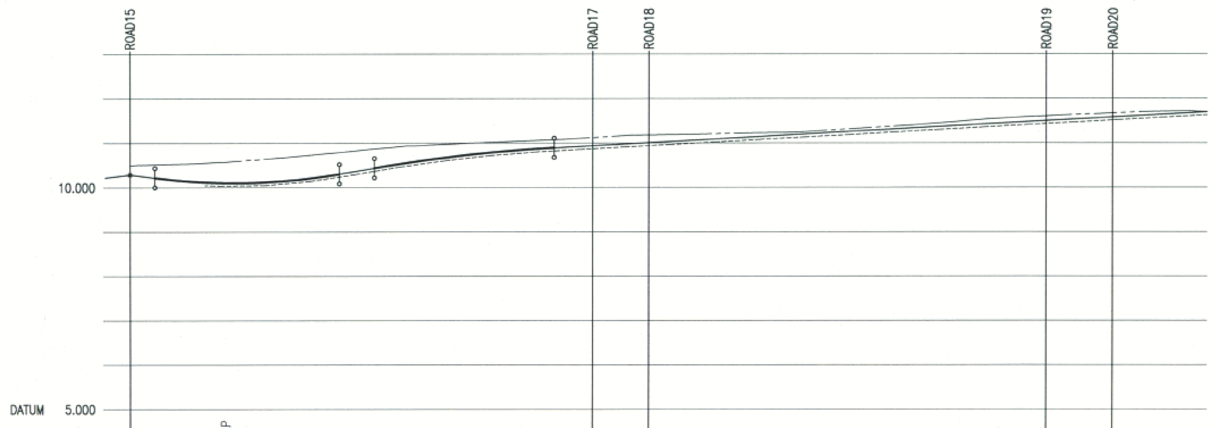
VERTICAL ALIGNMENT: G= 2.500% 1: 40.0 / L= 39.996 KF= −12.0 / G= −0.833% 1: −120.0

HORIZONTAL ALIGNMENT

ROAD 15
VERT SCALE 1:100
HORIZ SCALE 1:500

ROAD16

DATUM 5.000



CHAINAGE	EXISTING GROUND LEVEL	ALIGNMENT LEVEL	LEFT HAND CHANNEL	RIGHT HAND CHANNEL
0.000	10.500			
2.753		10.220		
5.000		10.168		
8.351 / 10.000	10.571	10.106	10.049 / 10.037	10.042 / 10.037
11.638 LP		10.102		
15.000		10.119	10.050	10.050
20.000	10.730	10.206	10.137	10.137
22.517 / 23.243		10.303		
25.000		10.363	10.295	10.295
27.136		10.437		
30.000 / 31.259	10.923	10.531	10.463	10.463
35.000		10.673	10.604	10.604
40.000	11.016	10.785	10.716	10.716
45.000		10.867	10.799	10.799
47.136		10.894		
50.000 / 51.410	11.106	10.925	10.857	10.857
55.000		10.981	10.912	10.912
57.627				
60.000	11.190	11.036	10.967	10.967
65.000		11.092	11.023	11.023
70.000	11.229	11.147	11.078	11.078
75.000		11.202	11.134	11.134
80.000	11.316	11.258	11.189	11.189
85.000		11.313	11.244	11.244
90.000	11.451	11.369	11.300	11.300
95.000		11.424	11.355	11.355
100.000	11.588	11.479	11.411	11.411
101.955				
105.000		11.535	11.466	11.466
109.346 / 110.000	11.677	11.590	11.522	11.522
115.000		11.646	11.577	11.577
119.792	11.699	11.699	11.630	11.630

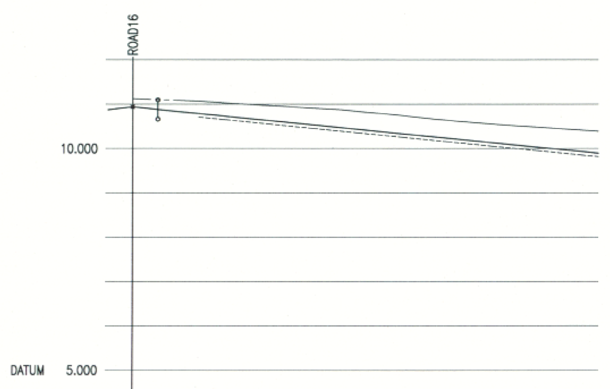
VERTICAL ALIGNMENT: KF= 3.35778 L= 20.490 / G= 3.456% 1: 28.9 / L= 20.000 KF= −8.51752 / G= 1.108% 1: 90.2

HORIZONTAL ALIGNMENT: R= 50.000

ROAD 16
VERT SCALE 1:100
HORIZ SCALE 1:500

ROAD17

DATUM 5.000



CHAINAGE	EXISTING GROUND LEVEL	ALIGNMENT LEVEL	LEFT HAND CHANNEL	RIGHT HAND CHANNEL
0.000	11.124			
2.793		10.878		
5.000		10.833		
7.270				10.709
10.000	11.030	10.733	10.645	10.665 / 10.645
15.000		10.633	10.555	10.555
20.000	10.908	10.533	10.455	10.455
25.000 / 25.876		10.433	10.355	10.355
30.000	10.742	10.333	10.255	10.255
32.149				
35.000 / 35.865		10.233	10.155	10.155
40.000	10.554	10.133	10.055	10.055
45.000		10.033	9.955	9.955
50.000	10.417	9.933	9.855	9.855
51.806	10.393	9.897	9.819	9.819

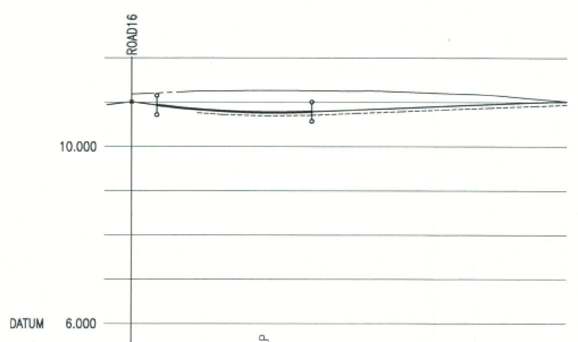
VERTICAL ALIGNMENT: G= −2.000% 1: −50.0

HORIZONTAL ALIGNMENT: R= 15.450 / R= 9.150

ROAD 17
VERT SCALE 1:100
HORIZ SCALE 1:500

ROAD18

DATUM 6.000



CHAINAGE	EXISTING GROUND LEVEL	ALIGNMENT LEVEL	LEFT HAND CHANNEL	RIGHT HAND CHANNEL
0.000	11.183			
2.793		10.936		
5.000		10.884		
7.270				10.763
10.000	11.251	10.803	10.719	10.724 / 10.719
15.000 / 15.786 LP		10.771 / 10.770	10.692	10.692
20.000	11.259	10.788	10.709	10.709
25.000		10.829	10.751	10.751
30.000	11.235	10.871	10.792	10.792
35.000		10.913	10.834	10.834
40.000	11.162	10.954	10.876	10.876
45.000		10.996	10.917	10.917
48.509	11.025	11.025	10.946	10.946

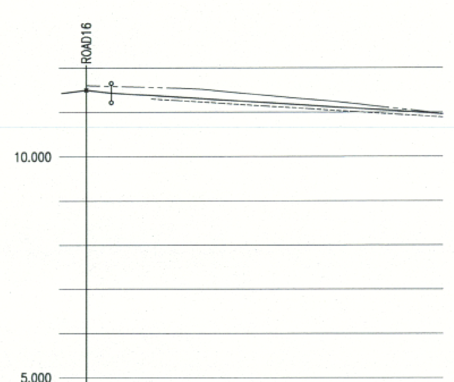
VERTICAL ALIGNMENT: KF= 5.10 L= 17.243 / G= 0.833% 1: 120.0

HORIZONTAL ALIGNMENT

ROAD 18
VERT SCALE 1:100
HORIZ SCALE 1:500

ROAD19

DATUM 5.000



CHAINAGE	EXISTING GROUND LEVEL	ALIGNMENT LEVEL	LEFT HAND CHANNEL	RIGHT HAND CHANNEL
0.000	11.608			
2.793		11.438		
5.000		11.410		
7.270				11.302
10.000	11.546	11.346	11.260	11.267 / 11.260
15.000		11.282	11.203	11.203
20.000	11.383	11.218	11.139	11.139
25.000		11.154	11.075	11.075
30.000	11.192	11.090	11.011	11.011
35.000		11.026	10.947	10.947
39.850	10.964	10.964	10.885	10.885

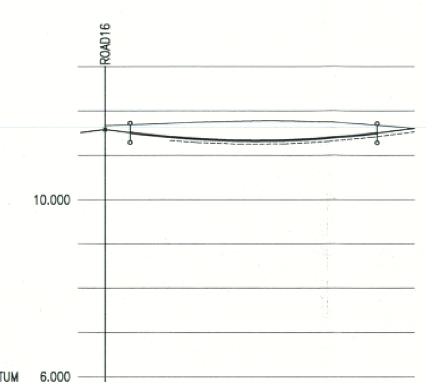
VERTICAL ALIGNMENT: G= −1.278% 1: −78.2

HORIZONTAL ALIGNMENT

ROAD 19
VERT SCALE 1:100
HORIZ SCALE 1:500

ROAD20

DATUM 6.000



CHAINAGE	EXISTING GROUND LEVEL	ALIGNMENT LEVEL	LEFT HAND CHANNEL	RIGHT HAND CHANNEL
0.000	11.672			
2.793		11.509		
5.000		11.457		
7.270				11.334
10.000	11.742	11.372	11.288	11.294 / 11.288
15.000		11.333	11.254	11.254
16.823 LP		11.330		
20.000	11.777	11.339	11.260	11.260
25.000		11.391	11.312	11.312
30.000 / 30.573	11.689	11.488 / 11.502	11.409	11.409
34.734	11.606	11.606	11.527	11.527

VERTICAL ALIGNMENT: KF= 5.50 L= 27.780 / G= 2.500% 1: 40.0

HORIZONTAL ALIGNMENT

ROAD 20
VERT SCALE 1:100
HORIZ SCALE 1:500

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Date	Revisions	Drawn	Rev.
18/01/13	PRELIMINARY ISSUE	SH	P1

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SOUTH TYNESIDE COUNCIL
23 JAN 2013
AREA PLANNING
ST0081/13FUL

Client: KEEPMOAT HOMES

Project: TRINITY SOUTH
SOUTH SHIELDS

Title: PROPOSED ROAD
LONGITUDINAL SECTIONS
SHEET 2 OF 2

Scale	Drawn	Checked	Date
AS SHOWN	SH	MP	JAN 2013

Drawing Status: PRELIMINARY

Job No.	Drawing No.	Revision
11547	C0005	P1

DO NOT SCALE.