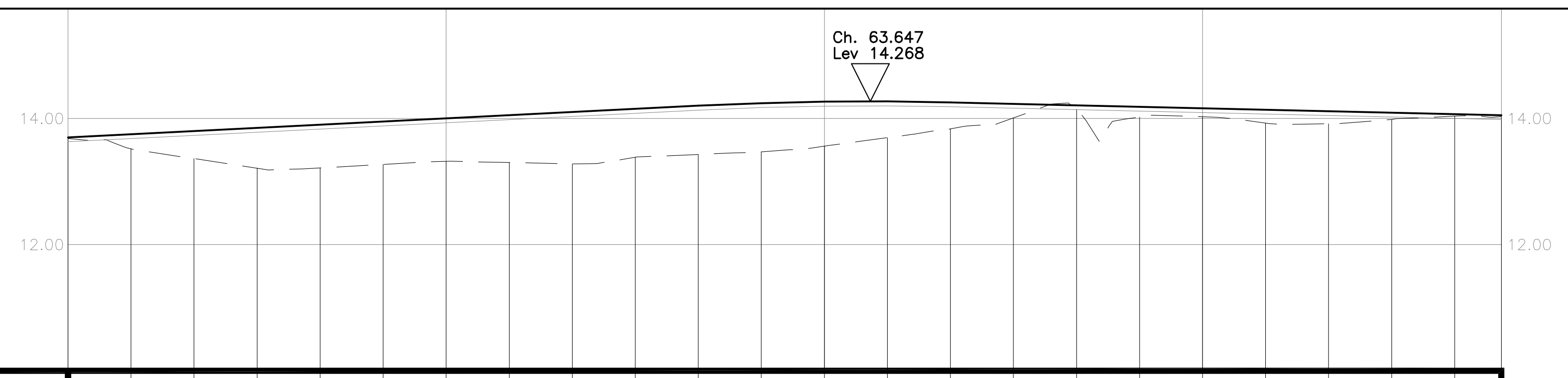
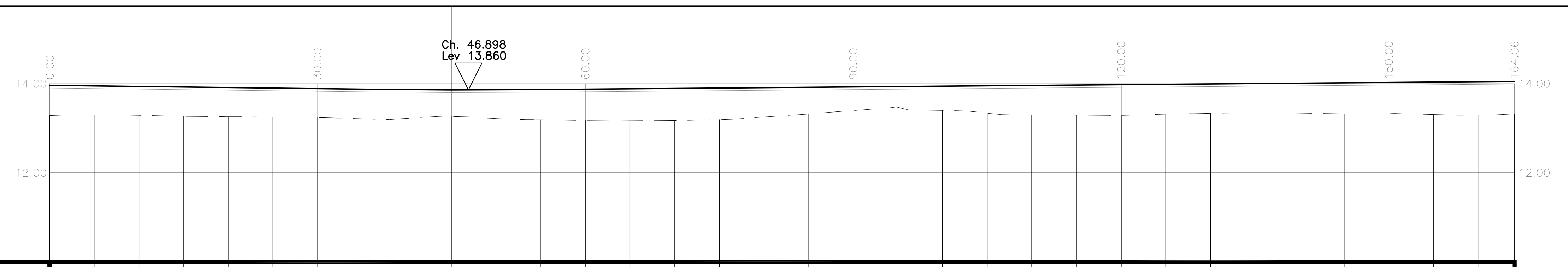


10.00 A.O.D.

Existing Ground Level	13.681	13.518	13.362	13.210	13.215	13.272	13.318	13.300	13.279	13.383	13.429	13.469	13.561	13.694	13.835	14.007	14.141	14.019	14.025	13.927	13.914	13.983	14.035	14.030
Chainage	0.000	5.000	10.000	15.000	20.000	25.000	30.000	35.000	40.000	45.000	50.000	55.000	60.000	65.000	70.000	75.000	80.000	85.000	90.000	95.000	100.000	105.000	110.000	113.699
L.H. Channel	13.631	13.681	13.731	13.781	13.831	13.881	13.931	13.981	14.031	14.081	14.131 14.132	14.172	14.195	14.199	14.185	14.162	14.138	14.115	14.092	14.068	14.045	14.022	13.999	13.981
Centre Line	13.700	13.750	13.800	13.850	13.900	13.950	14.000	14.050	14.100	14.150	14.200	14.241	14.263	14.268	14.253	14.230	14.207	14.184	14.160	14.137	14.114	14.090	14.067	14.050
R.H. Channel	13.631	13.681	13.731	13.781	13.831	13.881	13.931	13.981	14.031	14.081	14.131 14.132	14.172	14.195	14.199	14.185	14.162	14.138	14.115	14.092	14.068	14.045	14.022	13.999	13.981
Vertical Alignment						1.000% L=50.005								Vert Curv L=20.000 k=13.647						0.466% L=43.694				
Horizontal Alignment					Str. L=34.054					Str. L=19.826				LH curve Radius=12.750 L=19.993					Str. L=32.582				Str. L=7.24	
SW Invert Level																								
FW Invert Level																								

road 1

Horiz. 1:500 Vert. 1:100

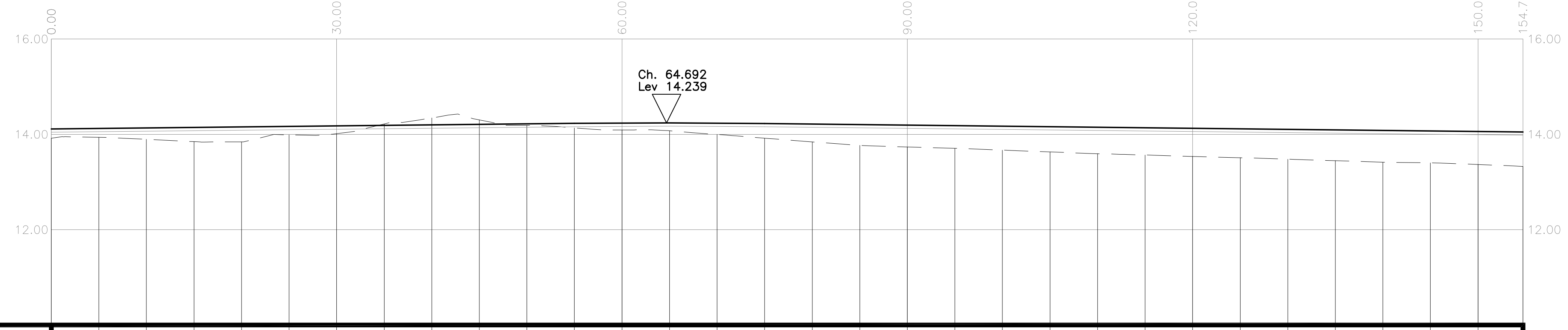


10.00 A.O.D.

Existing Ground Level	13.285	13.296	13.287	13.267	13.259	13.252	13.239	13.214	13.223	13.261	13.220	13.190	13.179	13.179	13.175	13.195	13.251	13.320	13.396	13.469	13.396	13.338	13.299	13.293	13.286	13.315	13.332	13.343	13.338	13.323	13.326	13.306	13.294	13.322
Chainage	0.000	5.000	10.000	15.000	20.000	25.000	30.000	35.000	40.000	45.000	50.000	55.000	60.000	65.000	70.000	75.000	80.000	85.000	90.000	95.000	100.000	105.000	110.000	115.000	120.000	125.000	130.000	135.000	140.000	145.000	150.000	155.000	160.000	164.064
L.H. Channel	13.901	13.889	13.876	13.864	13.852	13.839	13.827	13.815	13.805	13.800	13.801	13.807	13.815	13.824	13.832	13.840	13.849	13.857	13.866	13.874	13.882	13.891	13.899	13.908	13.916	13.924	13.933	13.941	13.950	13.958	13.966	13.975	13.983	13.990
Centre Line	13.961	13.949	13.936	13.924	13.912	13.899	13.887	13.875	13.865	13.860	13.861	13.867	13.875	13.884	13.892	13.900	13.909	13.917	13.926	13.934	13.942	13.951	13.959	13.968	13.976	13.984	13.993	14.001	14.010	14.018	14.026	14.035	14.043	14.050
R.H. Channel	13.901	13.889	13.876	13.864	13.852	13.839	13.827	13.815	13.805	13.800	13.801	13.807	13.815	13.824	13.832	13.840	13.849	13.857	13.866	13.874	13.882	13.891	13.899	13.908	13.916	13.924	13.933	13.941	13.950	13.958	13.966	13.975	13.983	13.990
Vertical Alignment					0.247% L=35.000					Vert Curv L=20.000 k=48.234													0.168% L=109.063											
Horizontal Alignment				Str. L=27.861				RH curve Radius=29.600 L=10.392			LH curve Radius=9.029 L=16.043								Str. L=73.486									Str. L=0.447		Str. L=19.519			Str. L=16.315	
SW Invert Level																																		
FW Invert Level																																		

road 2

Horiz. 1:500 Vert. 1:100

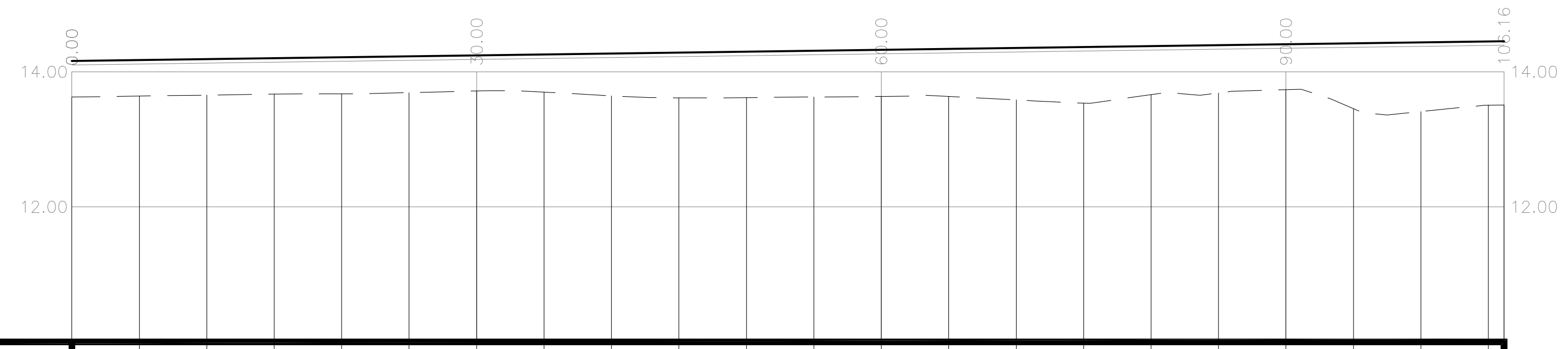


10.00 A.O.D.

Existing Ground Level	13.918	13.937	13.895	13.848	13.841	13.988	14.015	14.219	14.344	14.302	14.190	14.135	14.093	14.074	13.997	13.918	13.843	13.769	13.735	13.706	13.669	13.631	13.594	13.566	13.537	13.509	13.478	13.446	13.415	13.401	13.368	13.324
Chainage	0.000	5.000	10.000	15.000	20.000	25.000	30.000	35.000	40.000	45.000	50.000	55.000	60.000	65.000	70.000	75.000	80.000	85.000	90.000	95.000	100.000	105.000	110.000	115.000	120.000	125.000	130.000	135.000	140.000	145.000	150.000	154.728
L.H. Channel	14.045	14.056	14.066	14.077	14.087	14.098	14.108	14.119	14.129	14.139	14.150	14.160	14.168	14.171	14.168	14.159	14.148	14.137	14.126	14.115	14.103	14.092	14.081	14.070	14.059	14.048	14.037	14.025	14.014	14.003	13.992	13.981
Centre Line	14.114	14.124	14.135	14.145	14.156	14.166	14.177	14.187	14.198	14.208	14.219	14.229	14.237	14.239	14.236	14.228	14.217	14.205	14.194	14.183	14.172	14.161	14.150	14.139	14.127	14.116	14.105	14.094	14.083	14.072	14.061	14.050
R.H. Channel	14.045	14.056	14.066	14.077	14.087	14.098	14.108	14.119	14.129	14.139	14.150	14.160	14.168	14.171	14.168	14.159	14.148	14.137	14.126	14.115	14.103	14.092	14.081	14.070	14.059	14.048	14.037	14.025	14.014	14.003	13.992	13.981
Vertical Alignment							0.210% L=55.000							Vert Curv L=20.000 k=46.246										0.223% L=79.728								
Horizontal Alignment			Str. L=14.053			RH curve Radius=20.750 L=16.660				LH curve Radius=21.250 L=15.982		Str. L=9.269		RH curve Radius=12.750 L=20.028					Str. L=19.142			Str. L=17.687		RH curve Radius=119.250 L=6.948			Str. L=10.949				Str. L=24.011	
SW Invert Level																																
FW Invert Level																																

road 3

Horiz. 1:500 Vert. 1:100

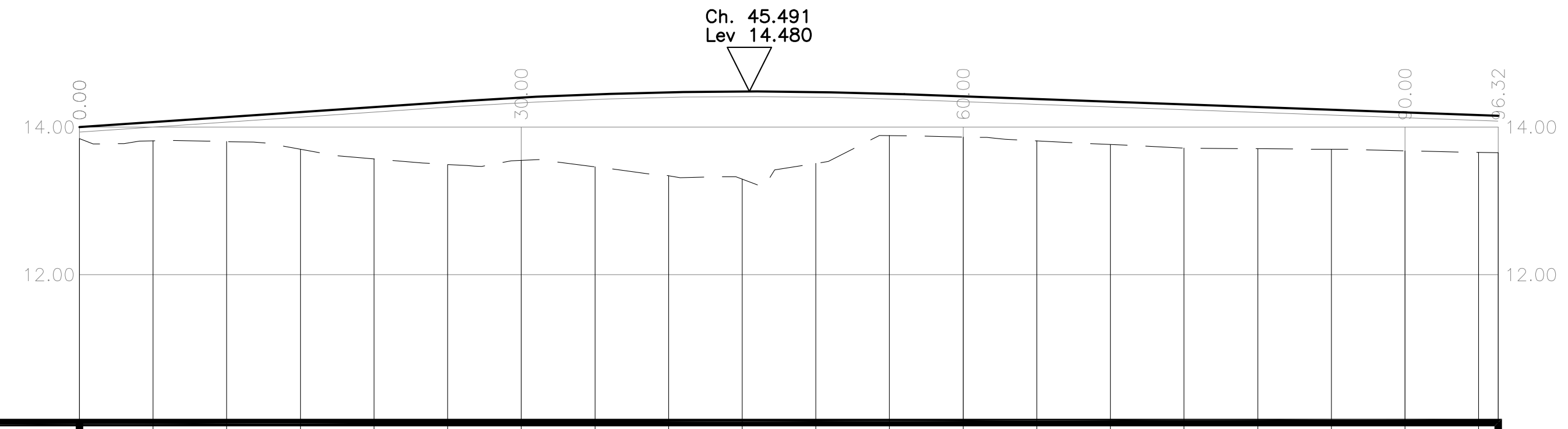


10.00 A.O.D.

Existing Ground Level	13.627	13.639	13.654	13.668	13.671	13.690	13.715	13.697	13.644	13.614	13.618	13.626	13.634	13.634	13.582	13.534	13.661	13.686	13.733	13.453	13.409	13.505 13.508
Chainage	0.000	5.000	10.000	15.000	20.000	25.000	30.000	35.000	40.000	45.000	50.000	55.000	60.000	65.000	70.000	75.000	80.000	85.000	90.000	95.000	100.000	105.000 106.163
L.H. Channel	14.101	14.114	14.128	14.142	14.155	14.169	14.183	14.196	14.210	14.223	14.237	14.251	14.264	14.278	14.291	14.305	14.319	14.332	14.346	14.360	14.373	14.387 14.390
Centre Line	14.161	14.174	14.188	14.202	14.215	14.229	14.243	14.256	14.270	14.283	14.297	14.311	14.324	14.338	14.352	14.365	14.379	14.392	14.406	14.420	14.433	14.447 14.450
R.H. Channel	14.101	14.114	14.128	14.142	14.155	14.169	14.183	14.196	14.210	14.223	14.237	14.251	14.264	14.278	14.291	14.305	14.319	14.332	14.346	14.360	14.373	14.387 14.390
Vertical Alignment												0.272% L=106.163										
Horizontal Alignment							Str. L=54.136							RH curve Radius=117.250 L=17.248				LH curve Radius=82.750 L=23.911				Str. L=10.869
SW Invert Level																						
FW Invert Level																						

road 4

Horiz. 1:500 Vert. 1:100

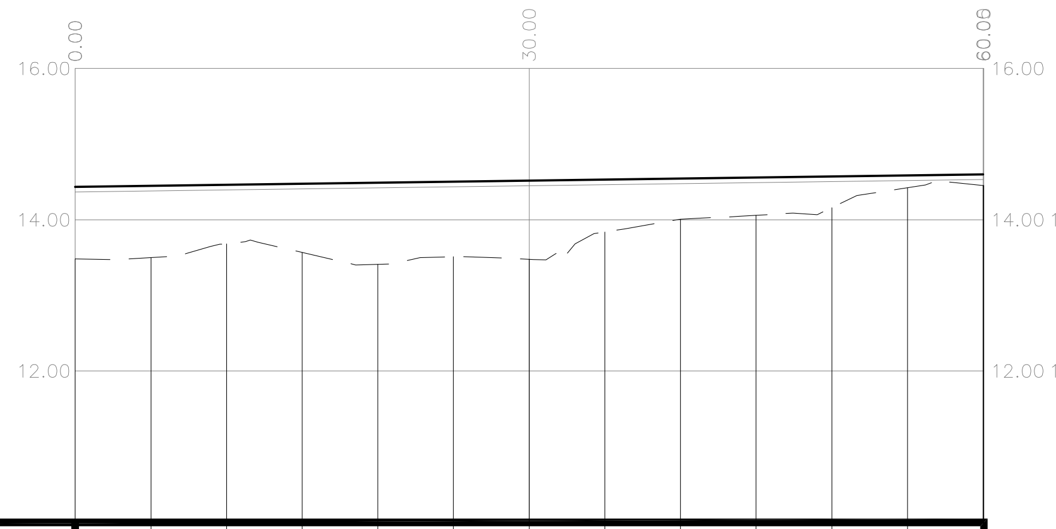


10.00 A.O.D.

Existing Ground Level	13.842	13.813	13.803	13.698	13.569	13.493	13.548	13.461	13.340	13.296	13.506	13.883	13.865	13.812	13.764	13.716	13.706	13.699	13.679	13.656 13.650
Chainage	0.000	5.000	10.000	15.000	20.000	25.000	30.000	35.000	40.000	45.000	50.000	55.000	60.000	65.000	70.000	75.000	80.000	85.000	90.000	95.000 96.322
L.H. Channel	13.932	13.998	14.066	14.133	14.200	14.267 14.281	14.329	14.374	14.401	14.411	14.404	14.380 14.373	14.344	14.308	14.272	14.236	14.200	14.163	14.127	14.091 14.081
Centre Line	14.000	14.067	14.134	14.201	14.269	14.336 14.349	14.397	14.442	14.470	14.480	14.473	14.449 14.442	14.413	14.377	14.341	14.304	14.268	14.232	14.196	14.160 14.150
R.H. Channel	13.932	13.998	14.066	14.133	14.200	14.267 14.281	14.329	14.374	14.401	14.411	14.404	14.380 14.373	14.344	14.308	14.272	14.236	14.200	14.163	14.127	14.091 14.081
Vertical Alignment				1.343% L=26.012					Vert Curv L=30.000 k=14.509							0.724% L=40.310				
Horizontal Alignment	RH curve Radius=29.250 L=9.648				Str. L=17.173		LH curve Radius=50.000 L=8.846							Str. L=60.656						
SW Invert Level																				
FW Invert Level																				

road 5

Horiz. 1:500 Vert. 1:100

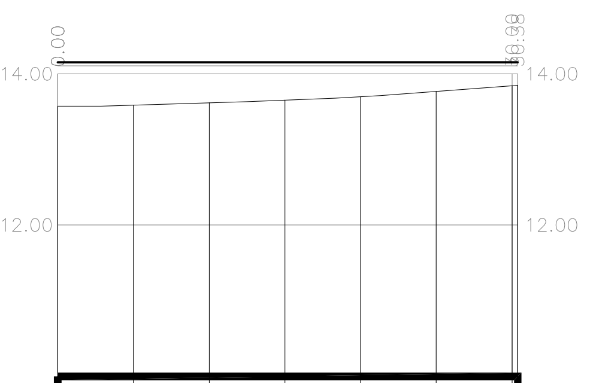


10.00 A.O.D.

Existing Ground Level	13.482	13.499	13.682	13.568	13.410	13.513	13.478	13.839	14.008	14.058	14.161	14.424	14.453
Chainage	0.000	5.000	10.000	15.000	20.000	25.000	30.000	35.000	40.000	45.000	50.000	55.000	60.000
L.H. Channel	14.366	14.380	14.394	14.407	14.421	14.435	14.449	14.462	14.476	14.490	14.504	14.518	14.531
Centre Line	14.435	14.448	14.462	14.476	14.490	14.504	14.517	14.531	14.545	14.559	14.572	14.586	14.600
R.H. Channel	14.366	14.380	14.394	14.407	14.421	14.435	14.449	14.462	14.476	14.490	14.504	14.518	14.531
Vertical Alignment							0.276% L=60.000						
Horizontal Alignment				Str. L=26.928			RH curve Radius=29.250 L=4.818		LH curve Radius=24.750 L=13.193	RH curve Radius=14.750 L=2.533		Str. L=12.579	
SW Invert Level													
FW Invert Level													

road 6

Horiz. 1:500 Vert. 1:100



	13.570	13.584	13.616	13.652	13.696	13.766	13.841
	0.000	5.000	10.000	15.000	20.000	25.000	30.000 30.381
	14.104	14.104	14.104	14.104	14.104	14.104	14.104 14.104
	14.150	14.150	14.150	14.150	14.150	14.150	14.150 14.150
	14.104	14.104	14.104	14.104	14.104	14.104	14.104 14.104
				0.003% L=30.381			
				Str. L=30.381			

road 7

Horiz. 1:500 Vert. 1:100

PRELIMINARY FOR PANNING PURPOSES ONLY

REV. No.	DATE	DESCRIPTION	INITIALS

Client
BARRATT

MJA CONSULTING
CIVIL AND STRUCTURAL ENGINEERS
58-62 Ock Street, Abingdon
Oxon, OX14 5BZ
Tel: 01235 555173
Fax: 01235 523226

Project
Manor Farm, Copseys
Nursey, Denvilles

Title	Scale	Date	Drawing No.	Rev
Proposed road sections	As shown	Nov 12	4527:P10	
	Checked	Drawn KTG		

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