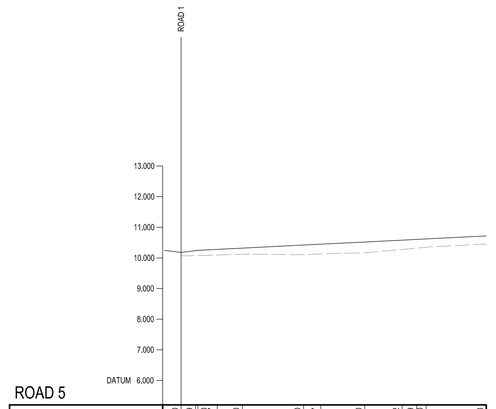
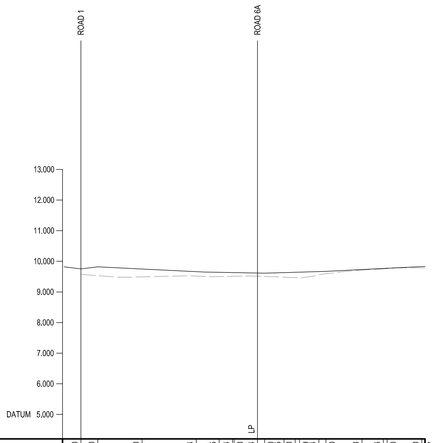


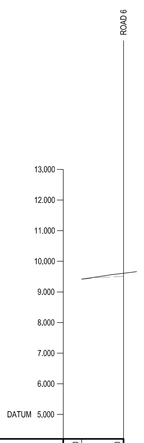
ROAD 5

CHAINAGE	0.000	2.373	2.700	10.000	20.000	30.000	36.042	40.000	49.859
EXISTING GROUND LEVEL	10.098			10.122	10.107	10.188	10.300	10.400	10.450
ALIGNMENT LEVEL	10.247			10.319	10.419	10.519	10.619		10.719
VERTICAL ALIGNMENT	G= 1.000% 1: 100.0								
HORIZONTAL ALIGNMENT		Rx 10.000		R= 11.850		R= 42.850	Rx 6.150		
LEFT HAND CHANNEL			10.272		10.373		10.473	10.526	10.575	10.681
RIGHT HAND CHANNEL			10.366		10.466		10.566	10.621	10.667	10.750



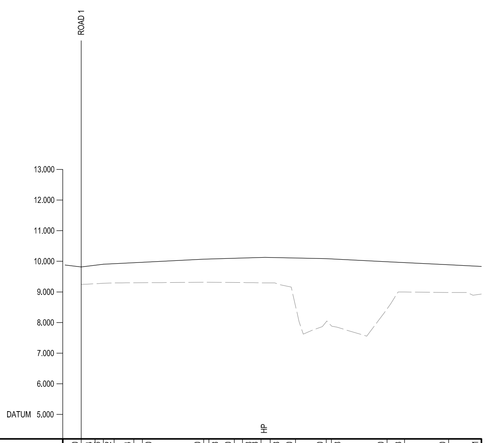
ROAD 6

CHAINAGE	0.000	2.750	10.000	18.834	22.955	24.754	25.000	30.000	30.163	30.326	30.658	40.000	40.488	50.000	50.157
EXISTING GROUND LEVEL	9.972		9.489	9.004			9.005				9.004		9.709	9.786	
ALIGNMENT LEVEL	9.820		9.748	9.659	9.948	9.617	9.659		9.610	9.628	9.659		9.771	9.771	9.930
VERTICAL ALIGNMENT	G= -1.000% 1: -100.0				KF= 10.0 L= 20.000						G= 1.000% 1: 100.0				
HORIZONTAL ALIGNMENT						Rx 140.000			Rx 25.000		R= 78.000		Rx 30.000		
LEFT HAND CHANNEL			9.701		9.402		9.044				9.625		9.725	9.786	
RIGHT HAND CHANNEL			9.792		9.692		9.607				9.739		9.815	9.883	



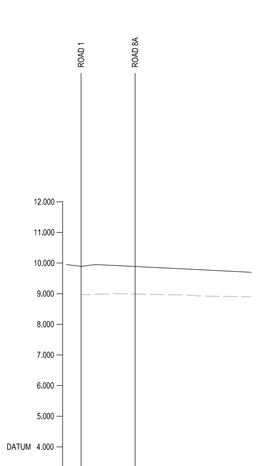
ROAD 6A

CHAINAGE	0.000		6.840
EXISTING GROUND LEVEL	9.415		9.511
ALIGNMENT LEVEL	9.415		9.563
VERTICAL ALIGNMENT		G= 2.961% 1: 33.8	
HORIZONTAL ALIGNMENT			
LEFT HAND CHANNEL	9.369		9.517
RIGHT HAND CHANNEL	9.462		9.609



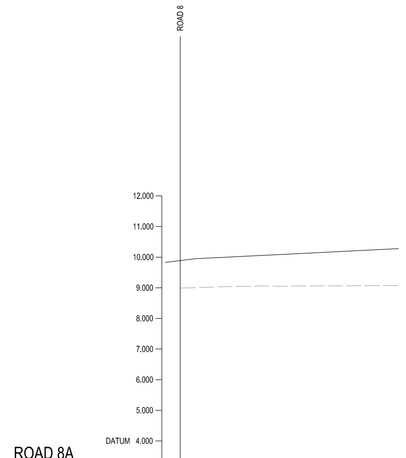
ROAD 7

CHAINAGE	0.000	1.274	2.367	3.548	8.854	10.000	20.000	20.458	20.916	25.375	30.458	40.000	40.458	43.930	52.793	60.000	60.458	63.347
EXISTING GROUND LEVEL	9.249					9.300	9.316				9.295		8.519		8.458		8.981	8.931
ALIGNMENT LEVEL				9.904	9.966		10.068	10.077	10.103		10.178	10.177	10.118	10.085	10.077	9.980	9.885	9.832
VERTICAL ALIGNMENT	G= 1.000% 1: 100.0						L= 20.000 KF= -50.0					G= -1.000% 1: -100.0									
HORIZONTAL ALIGNMENT			Rx -5.000	Rx 3.400						Rx 1.850						Rx 18.158					
LEFT HAND CHANNEL						10.015		10.115			10.173		10.131		10.033		9.930	9.878
RIGHT HAND CHANNEL						9.932		10.032			10.090		10.059		9.959		9.839	9.794



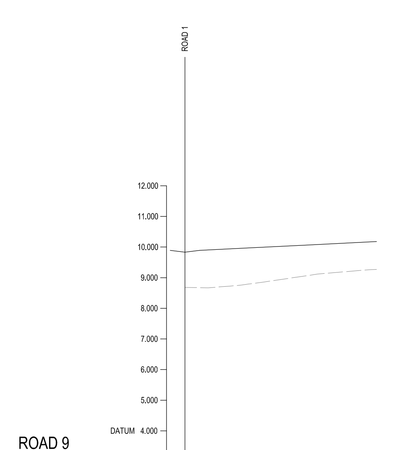
ROAD 8

CHAINAGE	0.000	2.400	5.002	8.823	9.900	20.000	27.783
EXISTING GROUND LEVEL	8.964			8.984	8.905	8.899	8.899
ALIGNMENT LEVEL	9.563			9.877	9.777		9.699
VERTICAL ALIGNMENT	G= -1.000% 1: -100.0						
HORIZONTAL ALIGNMENT			Rx 6.400				
LEFT HAND CHANNEL				9.811		9.732	9.604
RIGHT HAND CHANNEL				9.707		9.637	9.759



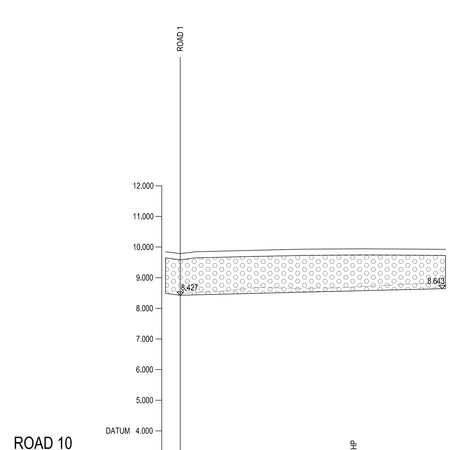
ROAD 8A

CHAINAGE	0.000	2.398	10.000	20.000	23.853	28.555	30.000	36.648
EXISTING GROUND LEVEL	8.990		9.047	9.060		9.067		9.078
ALIGNMENT LEVEL	9.947		10.023	10.123		10.223		10.279
VERTICAL ALIGNMENT	G= 1.000% 1: 100.0							
HORIZONTAL ALIGNMENT						Rx 25.000		
LEFT HAND CHANNEL			9.977	10.077		10.131		10.187
RIGHT HAND CHANNEL			10.069	10.169		10.343		10.398



ROAD 9

CHAINAGE	0.000	2.400	6.348	10.000	11.378	20.000	30.000	31.358
EXISTING GROUND LEVEL	8.682			8.791		9.069	9.258	9.269
ALIGNMENT LEVEL	9.691		9.867		10.067		10.167	10.180
VERTICAL ALIGNMENT	G= 1.000% 1: 100.0							
HORIZONTAL ALIGNMENT			Rx 12.000					
LEFT HAND CHANNEL			9.907		9.990		10.090	10.103
RIGHT HAND CHANNEL			10.027		10.157		10.257	10.270



ROAD 10

CHAINAGE	0.000	2.465	10.000	13.939	15.000	20.000	25.000	25.324	30.000	33.939	40.000	43.339
EXISTING GROUND LEVEL	8.486		8.420			8.607		8.711			8.802	8.827
ALIGNMENT LEVEL	9.946		9.884	9.904	9.909	9.938	9.959	9.943	9.942	9.939	9.930	9.905
VERTICAL ALIGNMENT	G= 0.500% 1: 200.0			L= 20.000 KF= -30.76923					G= -0.150% 1: -666.7			
HORIZONTAL ALIGNMENT	R= 116.797											
LEFT HAND CHANNEL			8.838		8.882		8.896				8.884	8.878
RIGHT HAND CHANNEL			8.931		8.975		9.989				9.995	9.956

Rev.	Date	Details	Initials
A	17.07.17	Initial issue.	MRH

Drawing Status
PRELIMINARY

Project
Horndean Road
Emsworth

Client
Bellway

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Drawing Title
Engineering Details
Longitudinal Sections Sheet 2 of 2

Drawn	Checked	Scales	Paper Size	Date
MRH	KAM	H1:500 V1:100	A0	07.17
Job No.		Drawing No.		Revision
ES1711		500–06–02		A

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