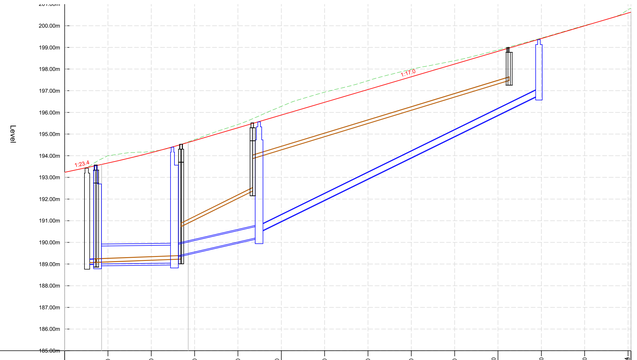
General Notes

1. Do not scale this drawing.
2. All dimensions are in millimeters unless stated otherwise.
3. This drawing is to be read in conjunction with all other relevant drawings & specifications.
4. All proprietary items to be installed in strict compliance with manufacturers instructions and recommendations.
5. No works shall commence on site until approval has been obtained from all relevant Agencies / Authorities.
6. All dimensions referred to in this drawing must be verified.



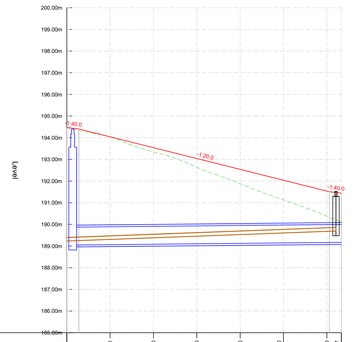
Chainage	0.000	10.000	20.000	30.000	40.000	50.000	60.000	70.000	80.000	90.000	100.000	110.000	120.000	123.094
Existing Levels	193.255	194.004	194.203	194.746	195.443	196.277	196.953	197.401	197.986	198.390	198.983	199.426	200.073	200.936
Proposed Levels	193.255	193.653	194.142	194.701	195.289	195.837	196.465	197.053	197.642	198.230	198.818	199.406	199.994	200.582
Level Difference	0.000	-0.351	-0.062	-0.044	-0.153	-0.440	-0.488	-0.349	-0.344	-0.160	-0.164	-0.020	-0.079	-0.354

Horizontal Geometry: R: 20.000m L: 5.285m; L =5.508m; L =10.996m; R: 100.000m L: 17.393m; L =91.512m

Vertical Geometry: G =1.26.4 L: 50.00m; R =1245.735m K =12.409 L =20.000m; G =1.17.0 L =102.163m

Cover and Invert	SW23 CL: 193.529m IL: 189.005m	SW22 CL: 194.393m IL: 189.045m	SW16 CL: 195.563m IL: 190.165m	SW15 CL: 196.392m IL: 196.795m
Pipe Details	1.011.200x1.011.200x1.275m Vitrified Clay; 1.010.800x1.010.800x1.285m Vitrified Clay	1.009.525x1.009.525x1.275m Concrete; 1.009.525x1.009.525x1.285m Concrete	4.001.300x1.800x1.275m Concrete; 4.001.300x1.800x1.285m Concrete	
Cover and Invert	CW15 CL: 193.485m IL: 192.895m; FW14 CL: 194.529m IL: 189.235m	FW11 CL: 195.520m IL: 192.375m	FW10 CL: 196.901m IL: 197.480m	
Pipe Details	1.011.200x1.011.200x1.275m Vitrified Clay; 1.010.800x1.010.800x1.285m Vitrified Clay	1.009.525x1.009.525x1.275m Vitrified Clay	2.000.100x1.000.100x1.275m Vitrified Clay; 2.000.100x1.000.100x1.285m Vitrified Clay	

ROAD 01 - LONGSECTION
Scale: H 1:500,V 1:100. Datum: 185.000



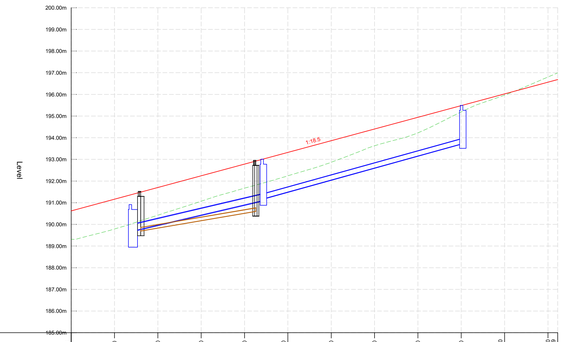
Chainage	0.000	10.000	20.000	30.000	40.000	50.000	60.000	63.357
Existing Levels	194.460	194.035	193.343	192.624	191.920	191.130	190.375	190.113
Proposed Levels	194.470	194.035	193.335	193.035	192.335	192.035	191.336	191.446
Level Difference	0.005	0.004	0.197	0.405	0.407	0.909	1.180	1.328

Horizontal Geometry: L =63.357m

Vertical Geometry: G =-40.0 L =20.000m; G =-20.0 L =37.336m; G =-40.0 L =5.000m

Cover and Invert	SW22 CL: 194.393m IL: 189.045m
Pipe Details	5.002.825x1.82.5mm Concrete
Cover and Invert	FW13 CL: 191.520 IL: 189.700m
Pipe Details	3.001.100x1.82.5mm Vitrified Clay

ROAD 02 - LONGSECTION
Scale: H 1:500,V 1:100. Datum: 185.000



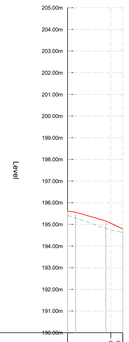
Chainage	0.000	10.000	20.000	30.000	40.000	50.000	60.000	70.000	80.000	90.000	100.000	110.000	112.259
Existing Levels	189.313	189.192	190.421	191.072	191.673	192.242	192.887	193.635	194.227	195.191	195.905	196.601	196.921
Proposed Levels	190.622	191.192	191.792	192.242	192.792	193.322	193.862	194.402	194.843	195.483	195.922	196.501	196.692
Level Difference	1.309	1.374	1.279	1.171	1.111	1.080	0.965	0.772	0.716	0.291	0.058	-0.078	-0.228

Horizontal Geometry: L =112.259m

Vertical Geometry: G =-18.5 L =112.259m

Cover and Invert	SW21 CL: 189.915m IL: 189.170m	SW18 CL: 193.009m IL: 191.105m	SW17 CL: 195.493m IL: 193.735m
Pipe Details	5.001.300x1.35.158m Concrete	5.000.225x1.45.000m Vitrified Clay	
Cover and Invert	FW13 CL: 191.520m IL: 189.700m	FW12 CL: 192.954m IL: 190.605m	
Pipe Details	3.000.100x1.25.500m 1.25.5 Vitrified Clay		

ROAD 03 - LONGSECTION
Scale: H 1:500,V 1:100. Datum: 185.000



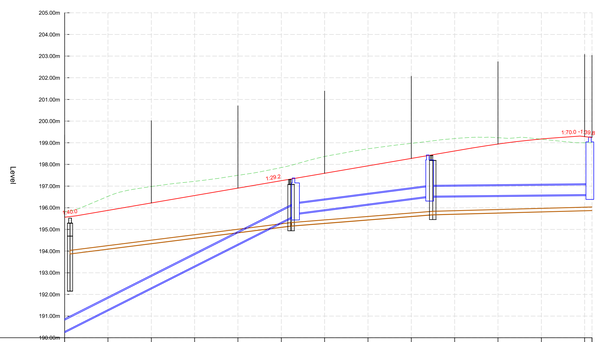
Chainage	0.000	10.000	12.760
Existing Levels	194.416	194.713	194.623
Proposed Levels	194.611	195.051	194.701
Level Difference	0.195	0.338	0.078

Horizontal Geometry: L =12.750m

Vertical Geometry: G =-1.50.0 L =10.000m; G =-17.21 L =1.760m; G =-10.0 L =0.500m

Cover and Invert	
Pipe Details	
Cover and Invert	
Pipe Details	

ROAD 04 - LONGSECTION
Scale: H 1:500,V 1:100. Datum: 190.000



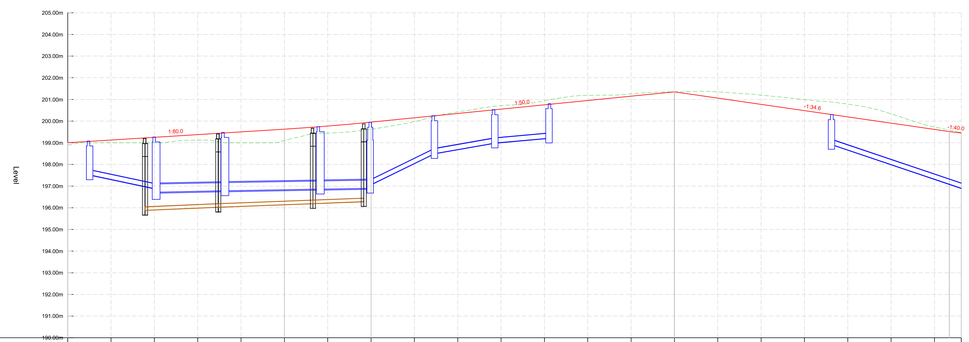
Chainage	0.000	10.000	20.000	30.000	40.000	50.000	60.000	70.000	80.000	90.000	100.000	110.000	120.000	123.251
Existing Levels	195.815	196.324	196.990	197.221	197.499	197.855	198.364	198.720	198.973	199.193	199.251	199.195	199.195	199.195
Proposed Levels	195.562	195.879	196.211	196.564	196.936	197.248	197.591	197.933	198.276	198.618	198.942	199.174	199.195	199.195
Level Difference	-0.253	-0.449	-0.738	-0.657	-0.563	-0.606	-0.775	-0.787	-0.697	-0.575	-0.289	0.009	0.000	0.000

Horizontal Geometry: L =46.448m; R: 52.750m L: 22.743m; R: 32.750m L: 14.744m; L =36.756m

Vertical Geometry: G =1.29.2 L: 50.750m; G =1.29.2 L =91.194m; R =1003.367m K =10.024 L =20.000m; G =1.70.0 L =10.000m; G =-1.70.0 L =10.000m

Cover and Invert	SW13 CL: 197.377m IL: 195.660m	SW12 CL: 198.439m IL: 196.535m	SW11 CL: 199.26 IL: 196.610
Pipe Details	1.006.125x1.53.638m Concrete	1.007.450x1.30.663m Concrete; 1.006.450x1.30.663m Concrete	
Cover and Invert	FW11 CL: 195.520m IL: 192.375m	FW09 CL: 197.302m IL: 195.160m; FW08 CL: 198.413m IL: 195.680m	
Pipe Details	1.006.100x1.35.500m 1.35.5 Vitrified Clay	1.007.100x1.35.500m 1.35.5 Vitrified Clay; 1.006.100x1.35.500m 1.35.5 Vitrified Clay	

ROAD 05 - LONGSECTION
Scale: H 1:500,V 1:100. Datum: 190.000



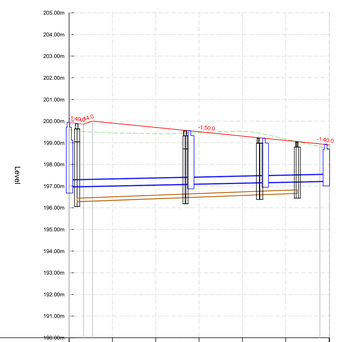
Chainage	0.000	10.000	20.000	30.000	40.000	50.000	60.000	70.000	80.000	90.000	100.000	110.000	120.000	130.000	140.000	150.000	160.000	170.000	180.000	190.000	200.000	206.195
Existing Levels	199.859	199.000	199.000	199.122	199.000	199.104	199.444	199.624	199.974	200.424	200.716	200.000	201.187	201.254	201.348	201.349	201.194	200.991	200.799	200.335	199.729	199.449
Proposed Levels	199.011	198.126	199.251	199.376	199.501	199.626	199.770	199.951	200.151	200.351	200.551	200.751	200.951	201.151	201.351	201.550	201.773	200.483	200.194	199.900	199.616	199.448
Level Difference	0.112	0.126	0.251	0.254	0.501	0.522	0.326	0.325	0.177	-0.073	-0.165	-0.188	-0.236	-0.103	0.003	-0.207	-0.422	-0.507	-0.591	-0.429	-0.112	-0.022

Horizontal Geometry: L =2.024m; R: 24.750m L: 6.859m; R: 35.250m L: 9.769m; L =11.586m; R: 44.750m L: 9.149m; L =6.199m; R: 35.250m L: 7.207m; L =16.071m; R: 22.750m L: 35.736m; L =68.869m; R: 36.650m L: 8.599m; R: 17.250m L: 4.045m; L =19.191m

Vertical Geometry: G =1.80.0 L =49.999m; R =2667.742m K =26.667 L =20.000m; G =1.50.0 L =70.001m; G =-1.34.6 L =63.441m; G =-1.40.0 L =2.500m

Cover and Invert	SW10 CL: 199.081m IL: 197.320m	SW11 CL: 199.268m IL: 196.610m	SW9 CL: 199.474m IL: 196.785m	SW8B CL: 199.740m IL: 196.860m	SW7 CL: 199.945m IL: 196.900m	SW6 CL: 200.248m IL: 196.500m	SW5 CL: 200.527m IL: 196.990m	SW4 CL: 200.803m IL: 199.215m	SW14 CL: 200.299m IL: 198.925m
Pipe Details	3.000.225x1.75.225m 1.23.6 Vitrified Clay	1.008.375x1.75.225m 1.26.3 Vitrified Clay	1.004.375x1.75.225m 1.26.3 Vitrified Clay	1.003.375x1.75.225m 1.26.3 Vitrified Clay	2.002.225x1.75.225m 1.15.8 Vitrified Clay	2.001.225x1.75.225m 1.27.1 Vitrified Clay	2.000.225x1.75.225m 1.34.5 Vitrified Clay		4.000.225x1.75.225m 1.14.8 Vitrified Clay
Cover and Invert		FW07 CL: 199.194m IL: 195.865m	FW06 CL: 199.408m IL: 196.033m	FW05 CL: 199.670m IL: 196.195m	FW04 CL: 199.872m IL: 196.285m				
Pipe Details		1.005.100x1.75.100m 1.15.5 Vitrified Clay	1.004.100x1.75.100m 1.15.5 Vitrified Clay	1.003.100x1.75.100m 1.15.5 Vitrified Clay					

ROAD 06 - LONGSECTION
Scale: H 1:500,V 1:100. Datum: 190.000



Chainage	0.000	10.000	20.000	30.000	40.000	50.000	60.000	63.157
Existing Levels	199.607	199.455	199.414	199.472	199.527	199.171	198.134	198.134
Proposed Levels	199.937	199.909	199.709	199.509	199.309	199.109	198.909	198.909
Level Difference	0.331	0.453	0.295	0.037	-0.219	-0.063	0.775	0.775

Horizontal Geometry: L =26.862m; R: 27.750m L: 7.508m; L =3.920m; R: 32.250m L: 8.725m; L =13.092m

Vertical Geometry: G =-1.40.0 L =10.000m; G =-1.50.0 L =32.470m; G =-1.40.0 L =20.500m

Cover and Invert	SW07 CL: 199.945m IL: 196.900m	SW03 CL: 199.559m IL: 197.095m	SW02 CL: 199.217m IL: 197.170m	SW01 CL: 198.934m IL: 197.230m
Pipe Details	1.002.350x1.17.350m 1.26.3 Vitrified Clay	1.001.350x1.17.350m 1.26.3 Vitrified Clay	1.000.350x1.17.350m 1.26.3 Vitrified Clay	
Cover and Invert	FW04 CL: 199.872m IL: 196.285m	FW03 CL: 199.546m IL: 196.410m	FW02 CL: 199.209m IL: 196.805m	FW01 CL: 198.930m IL: 196.870m
Pipe Details	1.002.100x1.25.500m 1.12.5 Vitrified Clay	1.001.100x1.25.500m 1.12.5 Vitrified Clay	1.000.100x1.25.500m 1.12.5 Vitrified Clay	

ROAD 07 - LONGSECTION
Scale: H 1:500,V 1:100. Datum: 190.000

rev	description	drawn	date
P3	Roads 2 and 3 amended.	SG	27.01.26
P2	Drawing updated to suit revised site layout plan.	SG	04.11.25
P1	First Issue	SG	29.09.25

Preliminary

ELSTON ENGINEERING

1 Chapel Farm Close, Elston, Newark, Nottinghamshire, NG23 5PW
W: www.elstonengineering.com
E: enquiries@elstonengineering.com
T: 07931 391372

client:

HARRON HOMES

project:
Land off Roslyn Avenue, Netherton, Huddersfield

drawing title:
Longitudinal Sections

Drawing Number:		Drawn by:	Checked by:
EE100008-215		SG	SG
Project ref:	scale:	date:	original paper size:
EE100008	1:500H 1:100V	29.09.2025	A0

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