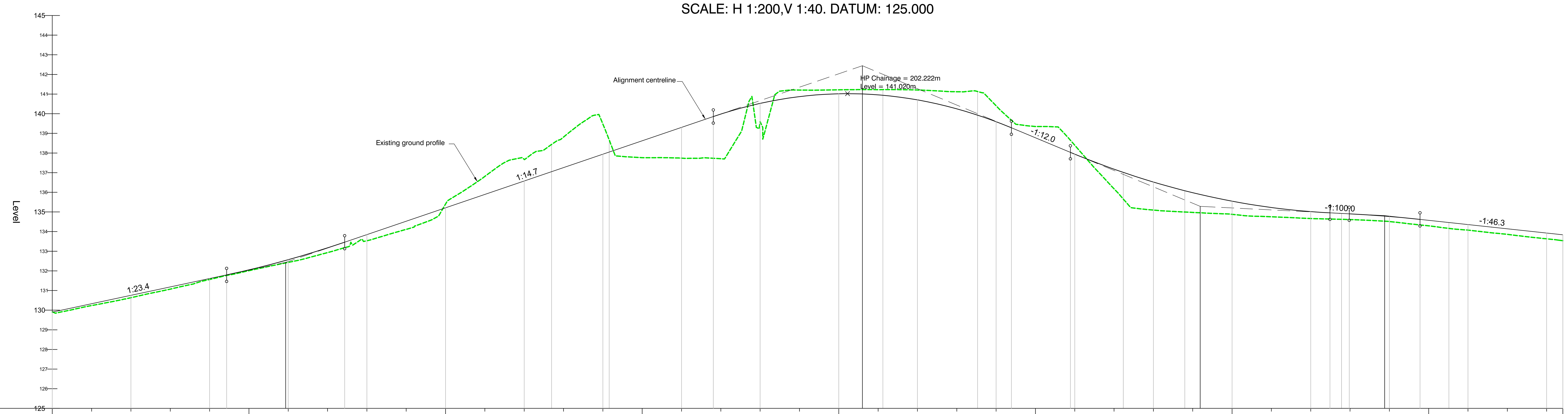
Notes:-

1. The information provided on this drawing is intended for Planning purposes only. NOT FOR CONSTRUCTION.

2. All Highway and Sewerage works are subject to the approval of the relevant adopting Authority.

RD1
SCALE: H 1:200,V 1:40. DATUM: 125.000

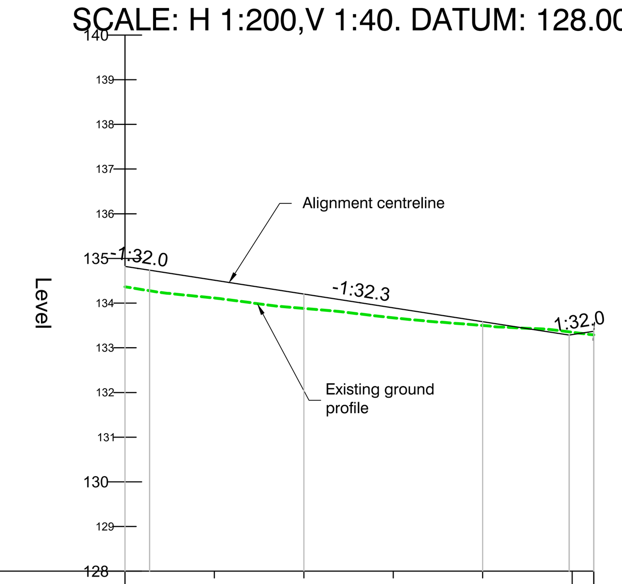


Chainage	Existing Levels	Centre Line Levels
00.000	129.901	129.901
10.000	130.234	130.328
20.000	130.634	130.755
30.000	131.072	131.182
40.000	131.561	131.609
50.000	132.009	132.050
60.000	132.432	132.568
70.000	132.929	133.170
80.000	133.534	133.845
90.000	134.113	134.527
100.000	135.402	135.209
110.000	136.809	135.892
120.000	137.674	136.574
130.000	138.811	137.256
140.000	139.481	137.939
150.000	137.763	138.621
160.000	137.738	139.303
170.000	137.710	139.982
180.000	139.594	140.527
190.000	141.206	140.871
200.000	141.217	141.015
210.000	141.225	140.960
220.000	141.207	140.704
230.000	141.119	140.249
240.000	140.404	139.593
250.000	139.348	138.775
260.000	138.395	137.942
270.000	136.175	137.177
280.000	135.095	136.522
290.000	134.976	135.979
300.000	134.878	135.547
310.000	134.754	135.226
320.000	134.665	135.016
330.000	134.611	134.903
340.000	134.511	134.769
350.000	134.292	134.573
360.000	134.072	134.357
370.000	133.858	134.141
380.000	133.632	133.925
384.128	133.536	133.836

Horizontal Geometry: L =126.977 | R: 11.500 L: 14.631 | L =69.601 | R: 20.000 L: 24.094 | L =37.029 | R: 100.000 L: 15.654 | L =39.849 | R: 33.250 L: 27.304 | L =28.989

Vertical Alignment: G =4.271% L =44.342 | R =1175.570 K =11.756 L =30.000 | G =6.823% L =93.763 | R =500.000 K =5.000 L =75.783 | G =-8.333% L =15.006 | R =900.000 K =9.000 L =66.000 | G =-1.000% L =4.902 | R =1554.178 K =15.542 L =18.000 | G =-2.158% L =36.332

RD3
SCALE: H 1:200,V 1:40. DATUM: 128.000

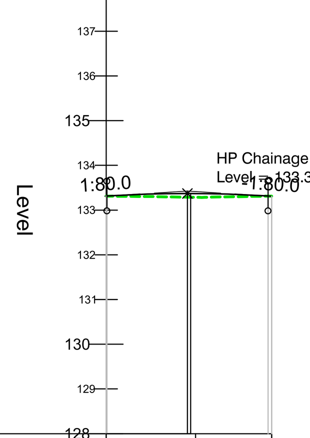


Chainage	Existing Levels	Centre Line Levels
00.000	134.365	134.822
10.000	134.114	134.511
20.000	133.881	134.202
30.000	133.670	133.892
40.000	133.499	133.583
50.000	133.347	133.294
52.419	133.289	133.370

Horizontal Geometry: —

Vertical Alignment: G =?3.125% L =2.750 | [illegible]

TH3
SCALE: H 1:200,V 1:40. DATUM: 128.000

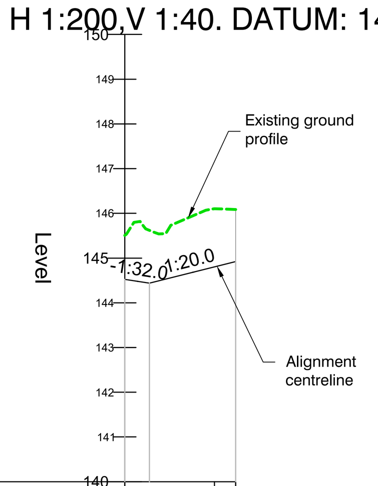


Chainage	Existing Levels	Centre Line Levels
00.000	133.311	133.313
10.000	133.287	133.369
18.500	133.312	133.309

Horizontal Geometry: —

Vertical Alignment: G =1.250% L =0.088 | R =720.000 K =7.200 L =18.000 | G =-1.250% L =0.412

TH4
SCALE: H 1:200,V 1:40. DATUM: 140.000

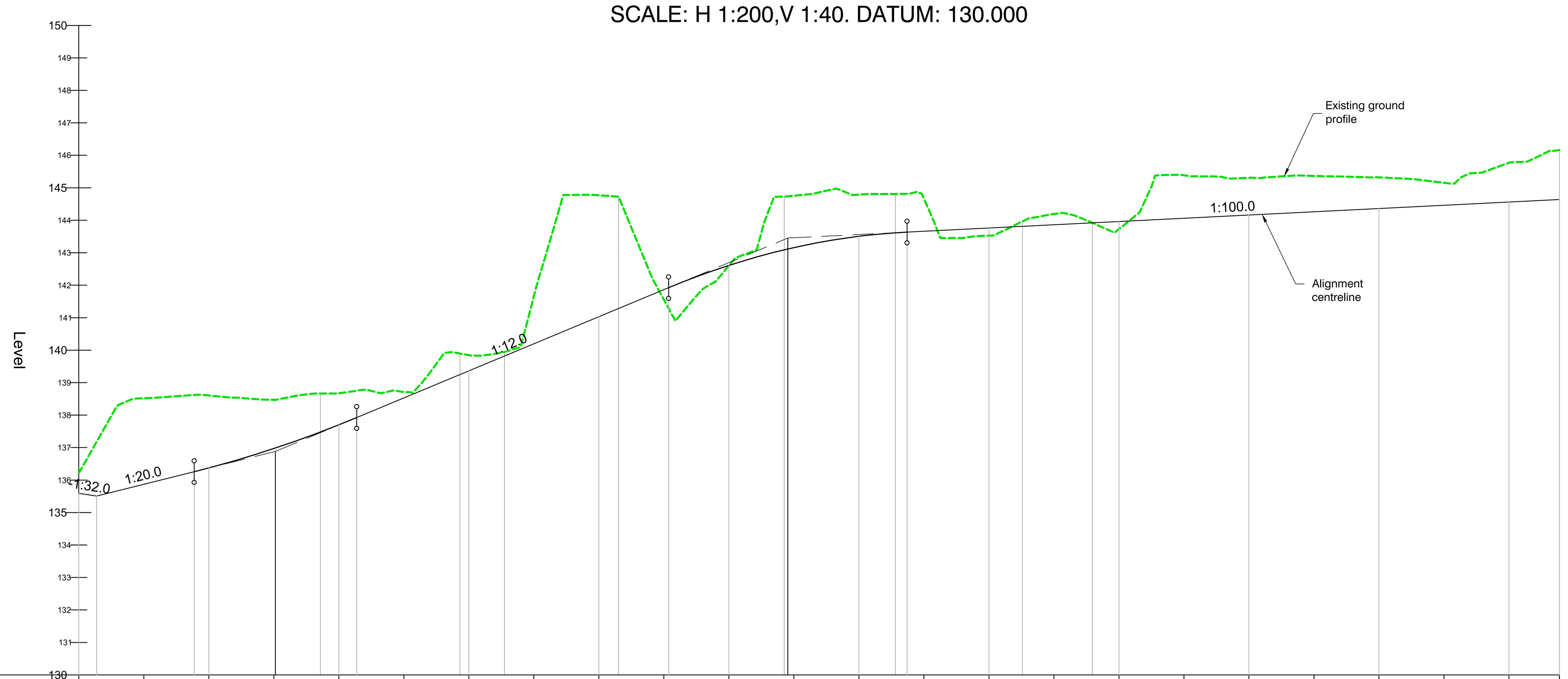


Chainage	Existing Levels	Centre Line Levels
00.000	145.505	144.525
[illegible]	[illegible]	[illegible]

Horizontal Geometry: —

Vertical Alignment: G =-3.125% L =2.750 | G =5.005% L =9.635

RD4
SCALE: H 1:200,V 1:40. DATUM: 130.000



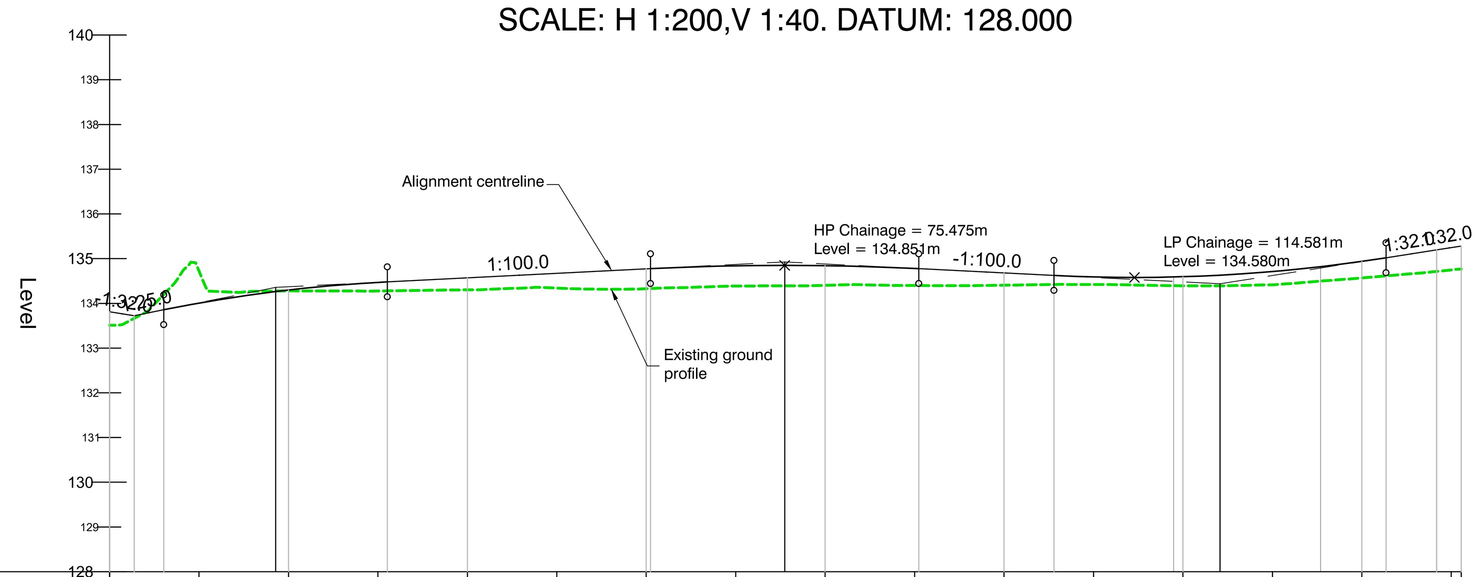
Chainage	Existing Levels	Centre Line Levels
00.000	136.210	135.594
10.000	138.518	135.870
20.000	138.604	136.374
30.000	138.470	136.971
40.000	138.673	137.701
50.000	138.712	138.529
60.000	139.847	139.362
70.000	141.660	140.196
80.000	144.767	141.029
90.000	141.557	141.862
100.000	142.603	142.610
110.000	144.754	143.158
120.000	144.790	143.506
130.000	144.668	143.661
140.000	143.525	143.761
150.000	144.194	143.861
160.000	143.726	143.961
170.000	145.385	144.061
180.000	145.308	144.161
190.000	145.365	144.261
200.000	145.321	144.361
210.000	145.154	144.461
220.000	145.770	144.561
227.760	146.156	144.638

Horizontal Geometry: L =37.167 | R: 20.000 L: 21.465 | L =6.841 | R: 20.000 L: 17.553 | L =25.494 | R: 24.000 L: 17.104 | L =19.519 | R: 60.000 L: 10.769 | L =71.848

Vertical Alignment: G =-3.125% L =2.750 | G =5.002% L =15.000 | R =750.356 K =7.504 L =25.000 | G =8.333% L =47.989 | R =500.000 K =5.000 L =36.667 | G =1.000% L =100.354

Extract on Storm Water Outfall

RD2
SCALE: H 1:200,V 1:40. DATUM: 128.000



Chainage	Existing Levels	Centre Line Levels
00.000	133.511	133.810
10.000	134.727	134.005
20.000	134.279	134.297
30.000	134.276	134.470
40.000	134.302	134.571
50.000	134.342	134.671
60.000	134.329	134.771
70.000	134.388	134.841
80.000	134.403	134.844
90.000	134.398	134.780
100.000	134.407	134.680
110.000	134.421	134.591
120.000	134.391	134.596
130.000	134.417	134.712
140.000	134.569	134.938
150.000	134.748	135.247
151.116	134.770	135.282

Horizontal Geometry: L =118.970 | R: 20.000 L: 16.423 | L =15.723

Vertical Alignment: [illegible] | R =832.695 K =8.327 L =25.000 | G =1.000% L =29.414 | R =1500.000 K =15.000 L =30.000 | G =-1.000% L =15.102 | R =900.342 K =9.003 L =37.125 | [illegible]

PLANNING

Rev	Date	Description	By
2	Oct'18	Drawing Status removed following instruction from EH - Hammond	SJT
1	Aug'18	RD3 and TH3 longsection tweaked to suit new site layout	SJT

Dimensions to be verified on site.
This drawing should not be scaled. Use figured dimensions only
Any discrepancies should be referred to the Engineer prior to work being put in hand.
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QuadConsult ENGINEERS IN PARTNERSHIP
Consulting Civil & Structural Engineers

Client: Davies Homes

Project: Blaengwawr, Aberdare

Title: Highway Longitudinal Sections for Planning

Drawing Status

Designed by	Drawn by	Checked by	Date	Scales @ A0 size
RMJ	RMJ	RMJ	July'18	A shown

Project No	Drawing No	Revision
18090	PL111-1	2

File name: 2018-09-19 - Blaengwawr.dwg