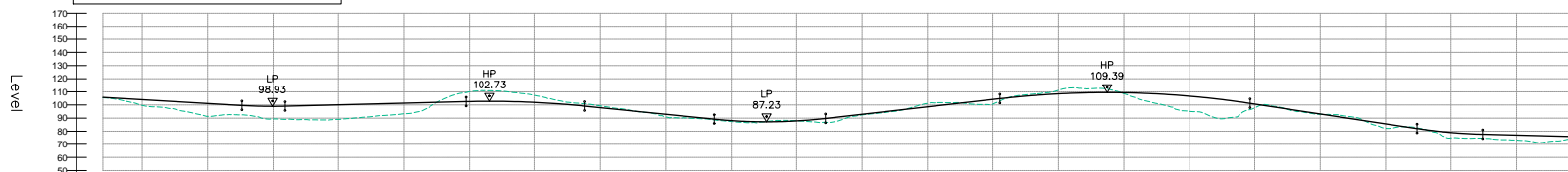


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Option OLC-002  
sub-alignment

OLC\_002 - LONGSECTION  
SCALE: H 1:10000, V 1:2000, DATUM: 50,000

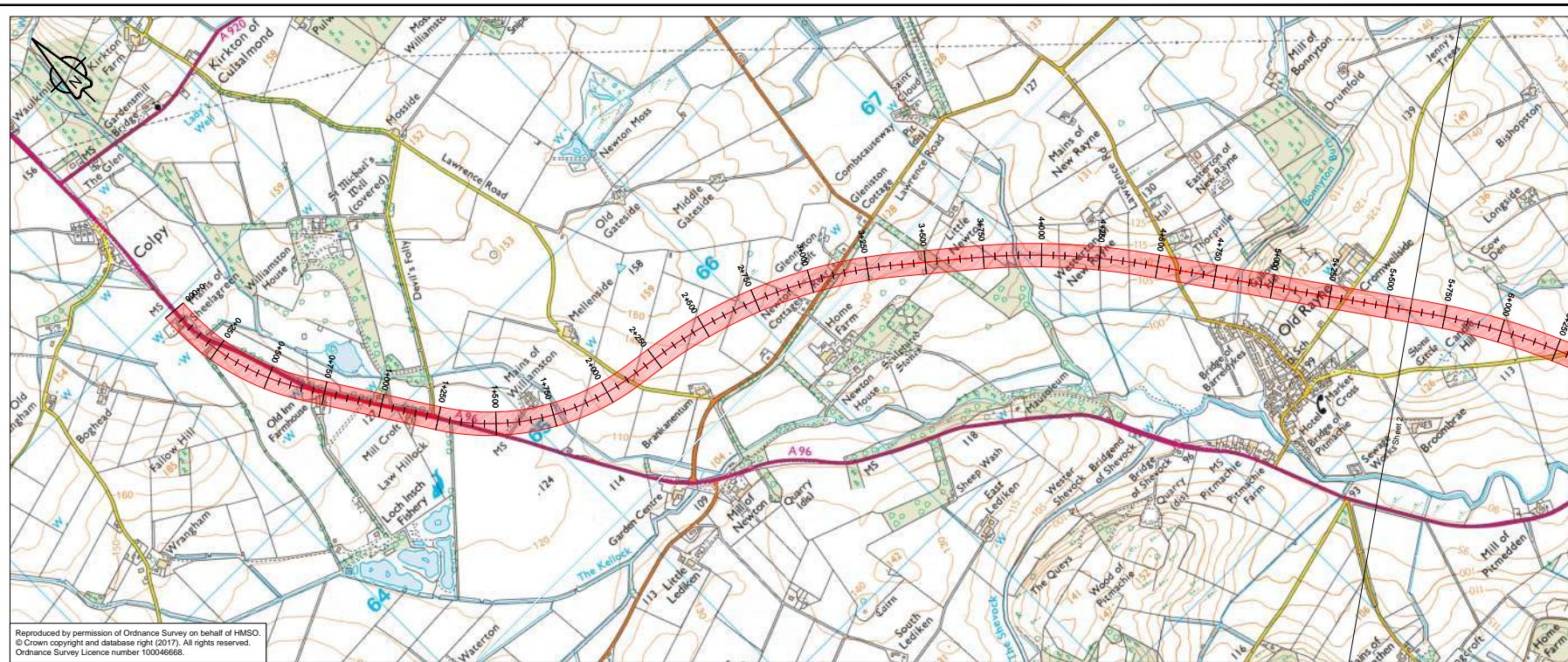


Proposed Road Level	106.707 106.110 106.132 104.586 103.981 103.486 102.991 102.496 101.991 101.496 100.991 100.496 99.991 99.496 98.991 98.496 97.991 97.496 96.991 96.496 95.991 95.496 94.991 94.496 93.991 93.496 92.991 92.496 91.991 91.496 90.991 90.496 89.991 89.496 88.991 88.496 87.991 87.496 86.991 86.496 85.991 85.496 84.991 84.496 83.991 83.496 82.991 82.496 81.991 81.496 80.991 80.496 79.991 79.496 78.991 78.496 77.991 77.496 76.991 76.496 75.991 75.496 74.991 74.496 73.991 73.496 72.991 72.496 71.991 71.496 70.991 70.496 69.991 69.496 68.991 68.496 67.991 67.496 66.991 66.496 65.991 65.496 64.991 64.496 63.991 63.496 62.991 62.496 61.991 61.496 60.991 60.496 59.991 59.496 58.991 58.496 57.991 57.496 56.991 56.496 55.991 55.496 54.991 54.496 53.991 53.496 52.991 52.496 51.991 51.496 50.991 50.496
Existing Ground Level	105.410 104.378 102.334 99.646 98.539 97.432 96.325 95.218 94.111 93.004 91.897 90.790 89.683 88.576 87.469 86.362 85.255 84.148 83.041 81.934 80.827 79.720 78.613 77.506 76.399 75.292 74.185 73.078 71.971 70.864 69.757 68.650 67.543 66.436 65.329 64.222 63.115 62.008 60.901 59.794 58.687 57.580 56.473 55.366 54.259 53.152 52.045 50.938 49.831 48.724 47.617 46.510 45.403 44.296 43.189 42.082 40.975 39.868 38.761 37.654 36.547 35.440 34.333 33.226 32.119 31.012 29.905 28.798 27.691 26.584 25.477 24.370 23.263 22.156 21.049 19.942 18.835 17.728 16.621 15.514 14.407 13.300 12.193 11.086 9.979 8.872 7.765 6.658 5.551 4.444 3.337 2.230 1.123 0.016 -1.081 -2.176 -3.271 -4.366 -5.461 -6.556 -7.651 -8.746 -9.841 -10.936 -12.031 -13.126 -14.221 -15.316 -16.411 -17.506 -18.601 -19.696 -20.791 -21.886 -22.981 -24.076 -25.171 -26.266 -27.361 -28.456 -29.551 -30.646 -31.741 -32.836 -33.931 -35.026 -36.121 -37.216 -38.311 -39.406 -40.501 -41.596 -42.691 -43.786 -44.881 -45.976 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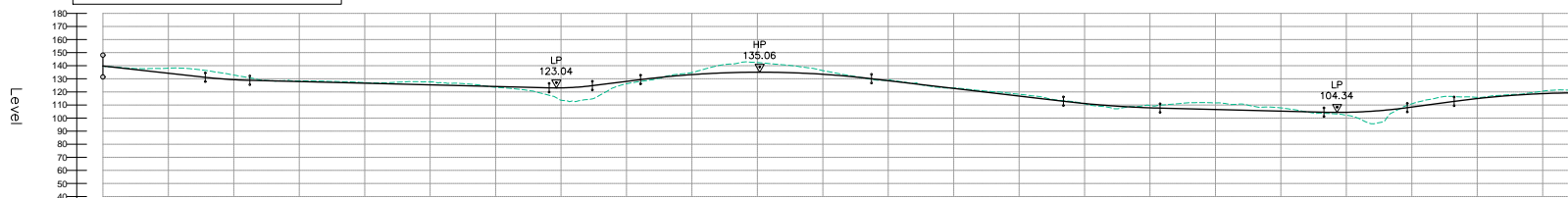






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OLC\_003 - LONGSECTION  
SCALE: H 1:10000, V 1:2000. DATUM: 40.000



Proposed Road Level	139.729 138.629 138.629 137.529 137.529 136.429 135.329 135.329 134.229 133.129 133.029 132.029 131.029 130.929 129.829 128.729 128.629 127.529 126.429 126.329 125.229 124.129 124.029 122.929 121.829 121.729 120.629 119.529 119.429 118.329 117.229 117.129 116.029 114.929 114.829 113.729 112.629 112.529 111.429 110.329 110.229 109.129 108.029 107.929 106.829 105.729 105.629 104.529 103.429 103.329 102.229 101.129 101.029 100.000
Existing Ground Level	130.729 131.829 132.929 134.029 135.129 136.229 137.329 138.429 139.529 140.629 141.729 142.829 143.929 145.029 146.129 147.229 148.329 149.429 150.529 151.629 152.729 153.829 154.929 156.029 157.129 158.229 159.329 160.429 161.529 162.629 163.729 164.829 165.929 167.029 168.129 169.229 170.329 171.429 172.529 173.629 174.729 175.829 176.929 178.029 179.129 180.229 181.329 182.429 183.529 184.629 185.729 186.829 187.929 189.029 190.129 191.229 192.329 193.429 194.529 195.629 196.729 197.829 198.929 200.029
Level Difference	0.000 -0.323 -0.597 -2.603 -0.602 -5.371 -4.632 -3.531 -0.102 -0.493 -0.720 -0.811 -0.455 -1.005 -2.171 -1.711 -1.763 -0.321 0.652 1.036 3.202 5.407 10.648 7.841 3.577 1.530 1.266 -1.064 -1.585 -0.036 0.036 -0.567 0.234 0.398 0.330 -0.612 -0.734 -0.987 -1.280 -1.348 -1.348 -0.307 0.577 0.234 0.807 0.800 -1.763 -2.482 -4.897 -2.855 -2.490 0.099 0.807 2.133 5.238 9.599 0.479 -3.987 -4.460 -2.423 -0.330 -0.699 -1.020 -1.873 -2.389
Horizontal Alignment	R: 1020.000 L: 660.967 L: 595.703 R: 1020.000 L: 882.058 L: 120.000 R: 2040.000 L: 1130.200 L: 320.232 R: 2880.000 L: 762.986 L: 1202.828
Vertical Alignment	G = -2.200% L = 391.104 R = 10000.000 K = 100.000 L = 170.000 G = -0.500% L = 1143.812 R = 5500.000 K = 550.000 L = 165.000 G = -2.560% L = 364.293 R = 18200.000 K = 182.000 L = 881.933 G = -2.346% L = 733.304 R = 20000.000 K = 2000.000 L = 369.157 G = -0.500% L = 626.212 R = 10000.000 K = 100.000 L = 318.348 R = 2665% L = 179.124 R = 18200.000 K = 182.000 L = 948.384
Chainage	0+000 0+050 0+100 0+150 0+200 0+250 0+300 0+350 0+400 0+450 0+500 0+550 0+600 0+650 0+700 0+750 0+800 0+850 0+900 0+950 1+000 1+050 1+100 1+150 1+200 1+250 1+300 1+350 1+400 1+450 1+500 1+550 1+600 1+650 1+700 1+750 1+800 1+850 1+900 1+950 2+000 2+050 2+100 2+150 2+200 2+250 2+300 2+350 2+400 2+450 2+500 2+550 2+600 2+650 2+700 2+750 2+800 2+850 2+900 2+950 3+000 3+050 3+100 3+150 3+200 3+250 3+300 3+350 3+400 3+450 3+500 3+550 3+600 3+650 3+700 3+750 3+800 3+850 3+900 3+950 4+000 4+050 4+100 4+150 4+200 4+250 4+300 4+350 4+400 4+450 4+500 4+550 4+600 4+650 4+700 4+750 4+800 4+850 4+900 4+950 5+000 5+050 5+100 5+150 5+200 5+250 5+300 5+350 5+400 5+450 5+500 5+550 5+600

P01	Fit For Information - First Fix Alignments				
	KB	RO	FM	GW	AGF
	23/02/18	23/02/18	23/02/18	19/04/18	19/04/18
Revision	Revision details				
	Created	Checked	Reviewed	Approved	Authorised
	dd/mm/yy	dd/mm/yy	dd/mm/yy	dd/mm/yy	dd/mm/yy

Designer  
Precision House  
McNeil Drive  
Motherwell  
ML1 4UR

Client  
58 Port Dundas Road  
Glasgow  
G4 0HF

Project Name  
**A96 Dualling East of Huntly to Aberdeen**

Drawing Title  
**OLC-003 First Fix Alignment Plan and Profile**  
Sheet 1 of 3

Project Ref. No.	Stage	Scale:
250002-92	2	1:10000H 1:2000V @ A1
		Dimensions: M

Drawing Number	Project	Originator	Volume
A96PEA - AMAR - HGN -	CB	-DR-CH-	101301
Location		Type	Role
			Number

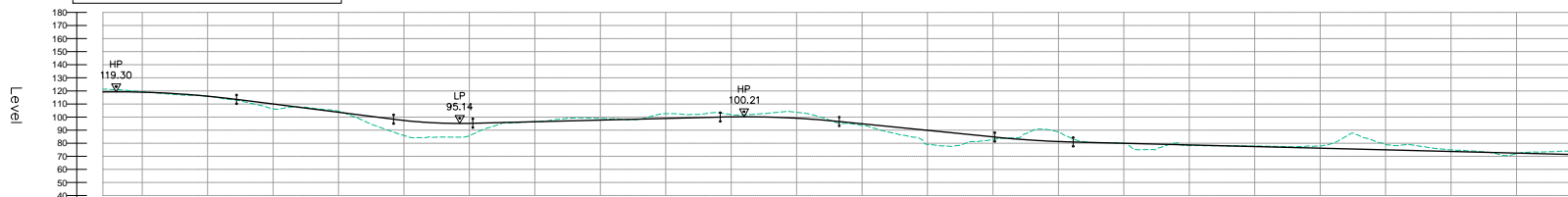
Suitability	Suitability Description	Revision
S2	Fit For Information	P01





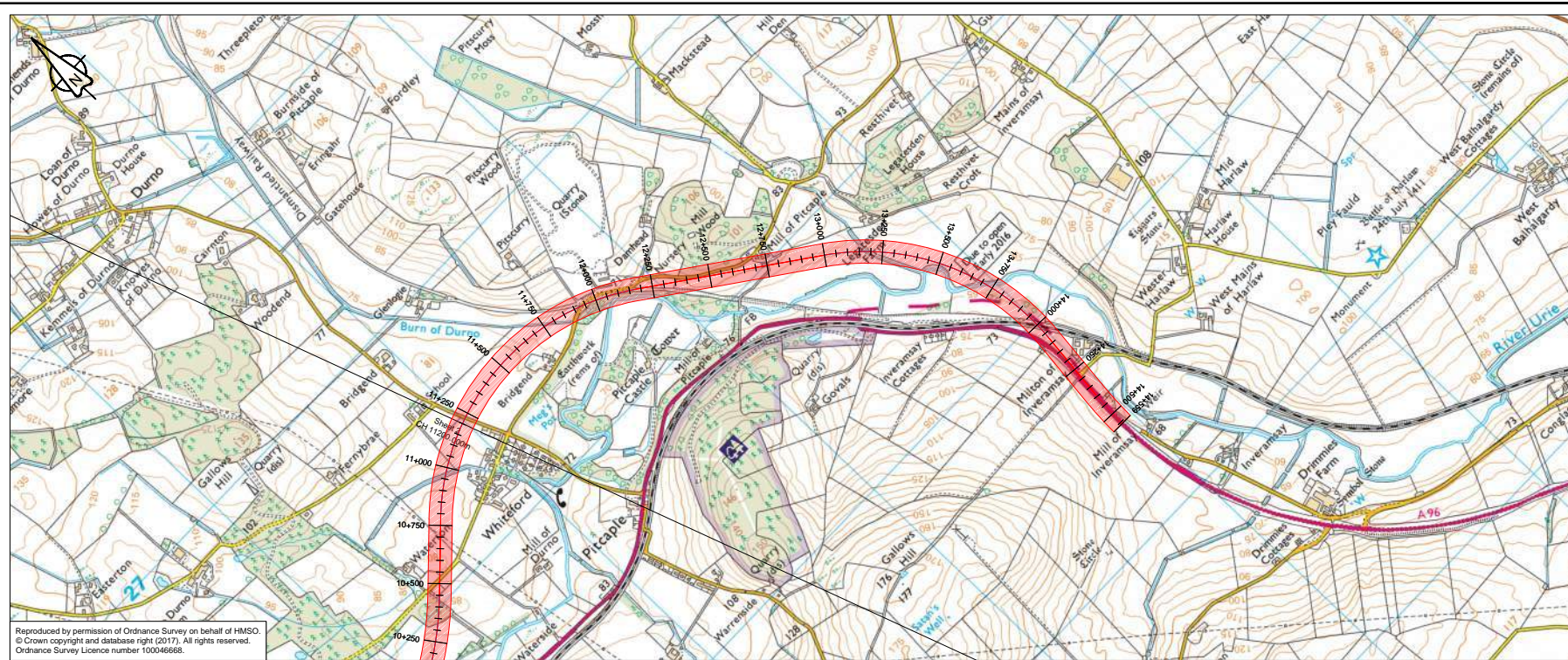
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OLC\_003 - LONGSECTION  
SCALE: H 1:10000, V 1:2000. DATUM: 40.000



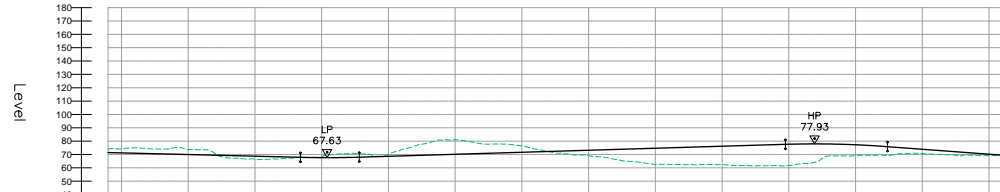
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OLC\_003 - LONGSECTION  
SCALE: H 1:10000,V 1:2000, DATUM: 40.000



Proposed Road Level	71.485 71.235 70.985 70.735 70.485 70.235 69.985 69.735 69.485 69.235 68.985 68.735 68.485 68.235 67.985 67.735 67.485 67.235 66.985 66.735 66.485 66.235 65.985 65.735 65.485 65.235 64.985 64.735 64.485 64.235 63.985 63.735 63.485 63.235 62.985 62.735 62.485 62.235 61.985 61.735 61.485 61.235 60.985 60.735 60.485 60.235 59.985 59.735 59.485 59.235 58.985 58.735 58.485 58.235 57.985 57.735 57.485 57.235 56.985 56.735 56.485 56.235 55.985 55.735 55.485 55.235 54.985 54.735 54.485 54.235 53.985 53.735 53.485 53.235 52.985 52.735 52.485 52.235 51.985 51.735 51.485 51.235 50.985 50.735 50.485 50.235 49.985 49.735 49.485 49.235 48.985 48.735 48.485 48.235 47.985 47.735 47.485 47.235 46.985 46.735 46.485 46.235 45.985 45.735 45.485 45.235 44.985 44.735 44.485 44.235 43.985 43.735 43.485 43.235 42.985 42.735 42.485 42.235 41.985 41.735 41.485 41.235 40.985 40.735 40.485 40.235 39.985 39.735 39.485 39.235 38.985 38.735 38.485 38.235 37.985 37.735 37.485 37.235 36.985 36.735 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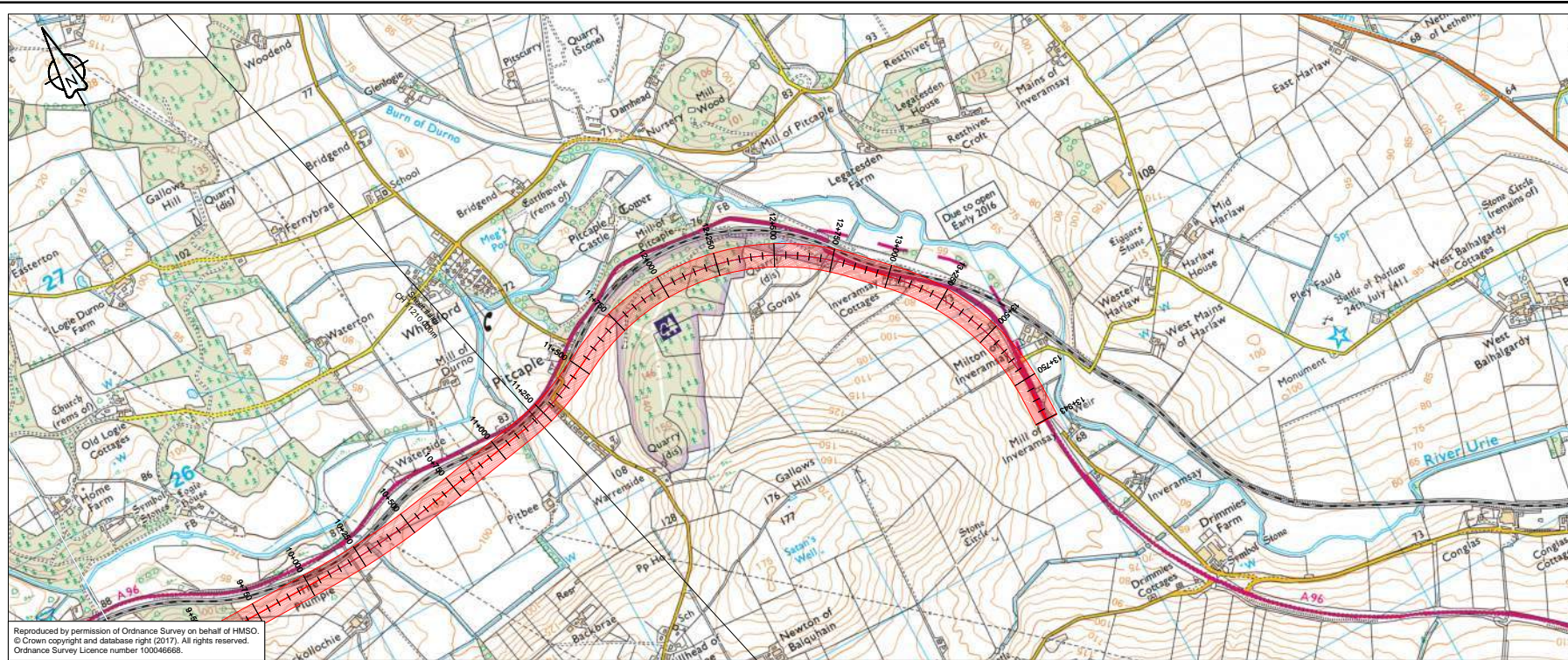






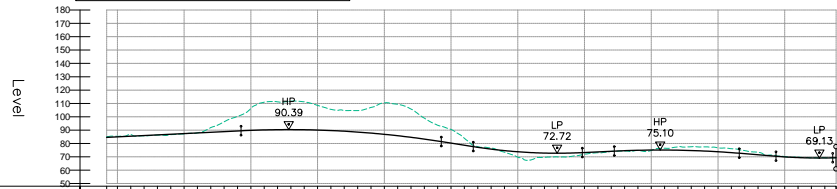






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OLC\_004 - LONGSECTION  
 SCALE: H 1:10000, V 1:2000, DATUM: 50.000



Proposed Road Level	84.579 84.972 85.354 85.462 86.426 86.529 86.642 86.533 87.423 87.913 88.403 88.403 89.337 90.158 90.342 90.388 90.388 91.171 90.008 90.008 89.702 88.559 88.559 87.781 86.813 86.813 83.295 81.830 80.285 80.285 77.159 75.777 74.664 73.902 73.902 73.190 72.716 72.854 73.033 73.238 73.238 73.710 74.807 74.807 74.911 75.072 75.072 74.981 74.981 71.790 73.814 73.814 73.151 72.361 71.548 70.794 69.786 69.450 69.333 69.175 69.151							
Existing Ground Level	85.102 85.354 86.762 86.426 86.529 86.604 87.160 87.981 91.934 100.230 105.222 110.919 111.200 111.200 111.711 108.539 108.539 105.575 104.719 104.617 107.050 107.050 108.346 105.822 88.852 83.295 81.830 80.285 80.285 77.844 77.159 75.777 74.664 73.470 69.759 73.902 73.190 72.716 70.857 72.854 70.333 71.897 73.077 74.807 74.807 74.911 74.778 76.487 77.689 77.689 76.704 76.135 73.151 74.714 73.424 71.548 70.794 69.786 69.450 69.333 69.175 69.151							
Level Difference	-0.522 -0.383 -1.300 -0.848 0.164 0.328 0.242 -0.068 -3.500 -10.946 -16.586 -20.760 -20.858 -21.323 -18.469 -15.872 -16.089 -16.089 -19.269 -21.526 -21.199 -15.657 -11.630 -10.262 -9.028 -9.505 -1.184 -1.184 -4.083 5.471 2.760 1.262 0.634 0.115 0.115 0.188 0.294 -2.447 -2.839 -2.889 -2.984 -2.353 -0.806 -0.336 -0.157 -0.159							
Horizontal Alignment	R: 1020.000 L: 287.526L = 120.000	R: 1020.000 L: 1276.648	L = 179.033	R: 1020.000 L: 809.886	L = 122.005			
Vertical Alignment	G = 0.980% L = 636.776	R = 18200.000 K = 182.000 L = 750.000	G = 1.40% L = 120.000	R = 10000.000 K = 100.000 L = 408.378	G = 0.943% L = 120.000	R = 18200.000 K = 182.000 L = 467.812	G = -1.62% L = 130.604	R = 10000.000 K = 100.000 L = 212.703
Chainage	11+210 11+250 11+300 11+400 11+450 11+550 11+600 11+650 11+700 11+800 11+850 11+900 12+000 12+100 12+150 12+200 12+250 12+300 12+400 12+450 12+500 12+600 12+650 12+700 12+750 12+800 12+850 12+900 13+000 13+050 13+100 13+150 13+200 13+250 13+300 13+350 13+400 13+450 13+500 13+550 13+600 13+650 13+700 13+750 13+800 13+850 13+900							

P01	Fit For Information - First Fix Alignments				
	KB	RO	FM	GW	AGF
	23/02/18	23/02/18	23/02/18	19/04/18	19/04/18
Revision	Created	Checked	Reviewed	Approved	Authorised
	dd/mm/yy	dd/mm/yy	dd/mm/yy	dd/mm/yy	dd/mm/yy

Designer  
 Precision House  
 McNeil Drive  
 Mothenwell  
 ML1 4UR

Client  
 58 Port Dundas Road  
 Glasgow  
 G4 0HF

Project Name  
**A96 Dualling East of Huntly to Aberdeen**

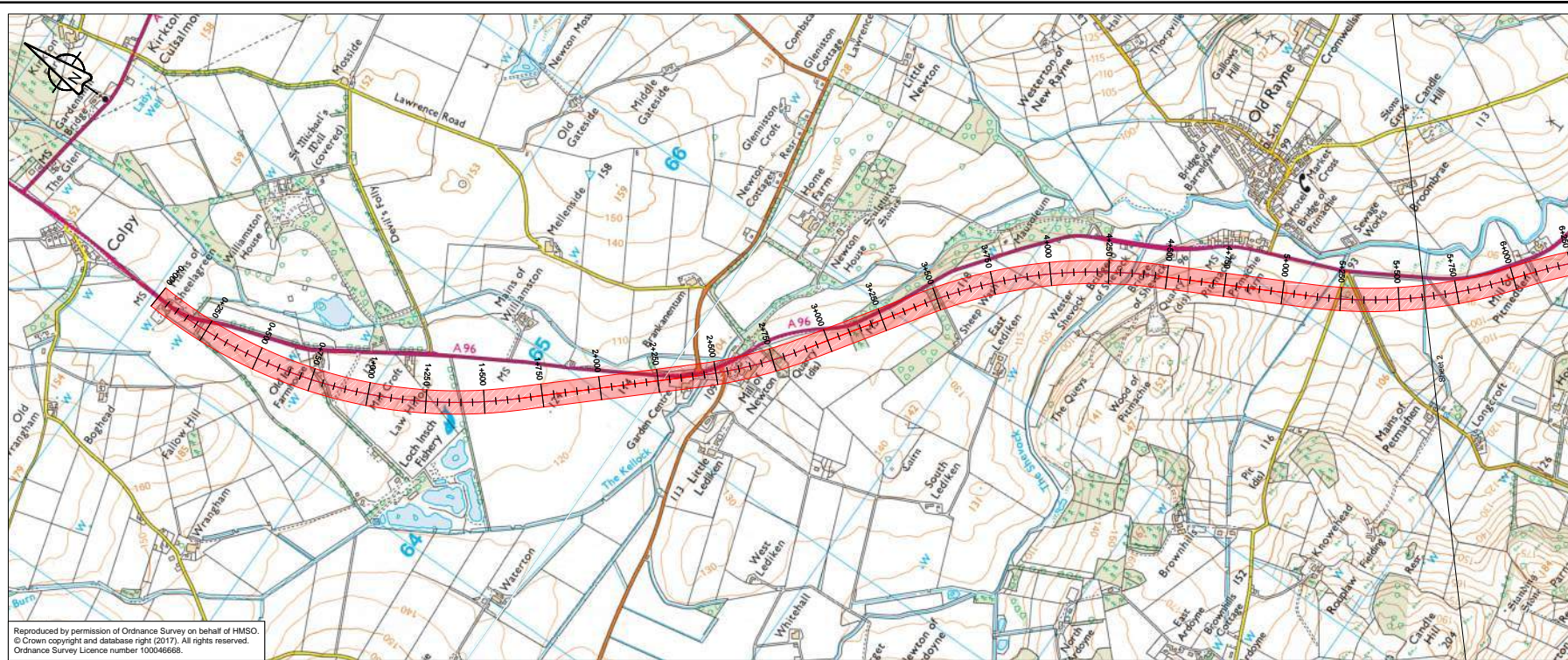
Drawing Title  
**OLC-004 First Fix Alignment Plan and Profile Sheet 3 of 3**

Project Ref. No.	Stage	Scale
250002-92	2	1:10000H 1:2000V @ A1
		Dimensions : M

Drawing Number	Project	Originator	Volume	Number
A96PEA - AMAR - HGN -	CB	-DR-CH-	101403	
Location		Type	Role	Number

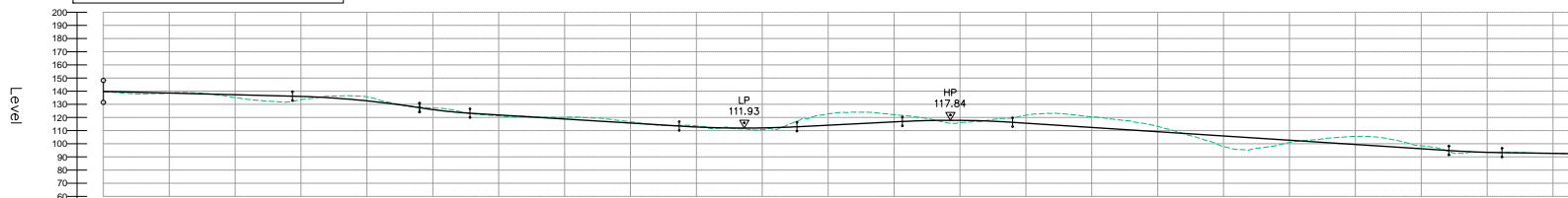
Suitability	Suitability Description	Revision
S2	Fit For Information	P01





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OLC\_005 - LONGSECTION  
SCALE: H 1:10000,V 1:2000, DATUM: 60.000



Proposed Road Level	Existing Ground Level	Level Difference	Horizontal Alignment	Vertical Alignment	Chainage
139.807	137.720	0.082	R: 2040.000 L: 1643.040	G = -0.500% L = 717.788	0+000
139.557	136.950	0.607		R = 16200.000 K = 182.000 L = 481.844	0+100
139.307	136.220	1.087		G = -0.999995% L = 391.497	0+200
138.807	135.200	0.603			0+300
138.557	134.598	0.959			0+400
138.307	133.730	0.675			0+500
138.057	132.918	0.511			0+600
137.807	132.122	0.392			0+700
137.557	131.378	0.436			0+800
137.307	130.681	0.961			0+900
137.057	130.035	1.099			0+950
136.807	129.448	1.287			1+000
136.557	128.919	0.937			1+100
136.307	128.448	0.859			1+150
136.057	128.035	0.807			1+200
135.807	127.678	0.830			1+250
135.557	127.375	0.883			1+300
135.307	127.119	0.912			1+350
135.057	126.914	0.913			1+400
134.807	126.752	0.634			1+450
134.557	126.631	0.725			1+500
134.307	126.552	0.607			1+550
134.057	126.516	0.282			1+600
133.807	126.520	0.282			1+650
133.557	126.562	0.282			1+700
133.307	126.636	0.282			1+750
133.057	126.741	0.282			1+800
132.807	126.878	0.282			1+850
132.557	127.046	0.282			1+900
132.307	127.244	0.282			1+950
132.057	127.472	0.282			2+000
131.807	127.729	0.282			2+050
131.557	128.016	0.282			2+100
131.307	128.332	0.282			2+150
131.057	128.678	0.282			2+200
130.807	129.054	0.282			2+250
130.557	129.460	0.282			2+300
130.307	129.896	0.282			2+350
130.057	130.362	0.282			2+400
129.807	130.858	0.282			2+450
129.557	131.384	0.282			2+500
129.307	131.940	0.282			2+550
129.057	132.526	0.282			2+600
128.807	133.142	0.282			2+650
128.557	133.788	0.282			2+700
128.307	134.464	0.282			2+750
128.057	135.170	0.282			2+800
127.807	135.906	0.282			2+850
127.557	136.672	0.282			2+900
127.307	137.468	0.282			2+950
127.057	138.294	0.282			3+000
126.807	139.150	0.282			3+050
126.557	140.036	0.282			3+100
126.307	140.952	0.282			3+150
126.057	141.898	0.282			3+200
125.807	142.874	0.282			3+250
125.557	143.880	0.282			3+300
125.307	144.916	0.282			3+350
125.057	145.982	0.282			3+400
124.807	147.078	0.282			3+450
124.557	148.204	0.282			3+500
124.307	149.360	0.282			3+550
124.057	150.546	0.282			3+600
123.807	151.762	0.282			3+650
123.557	153.008	0.282			3+700
123.307	154.284	0.282			3+750
123.057	155.590	0.282			3+800
122.807	156.926	0.282			3+850
122.557	158.292	0.282			3+900
122.307	159.688	0.282			3+950
122.057	161.114	0.282			4+000
121.807	162.570	0.282			4+050
121.557	164.056	0.282			4+100
121.307	165.572	0.282			4+150
121.057	167.118	0.282			4+200
120.807	168.694	0.282			4+250
120.557	170.290	0.282			4+300
120.307	171.906	0.282			4+350
120.057	173.542	0.282			4+400
119.807	175.198	0.282			4+450
119.557	176.874	0.282			4+500
119.307	178.570	0.282			4+550
119.057	180.286	0.282			4+600
118.807	182.022	0.282			4+650
118.557	183.778	0.282			4+700
118.307	185.554	0.282			4+750
118.057	187.350	0.282			4+800
117.807	189.166	0.282			4+850
117.557	190.992	0.282			4+900
117.307	192.838	0.282			4+950
117.057	194.704	0.282			5+000
116.807	196.590	0.282			5+050
116.557	198.496	0.282			5+100
116.307	200.422	0.282			5+150
116.057	202.368	0.282			5+200
115.807	204.334	0.282			5+250
115.557	206.320	0.282			5+300
115.307	208.326	0.282			5+350
115.057	210.352	0.282			5+400
114.807	212.398	0.282			5+450
114.557	214.464	0.282			5+500
114.307	216.550	0.282			5+550
114.057	218.656	0.282			5+600

Revision	Revision details				
	Created	Checked	Reviewed	Approved	Authorised
P01	23/02/18	23/02/18	23/02/18	19/04/18	19/04/18

Designer  
Precision House  
McNeil Drive  
Motherwell  
ML1 4UR

Client  
58 Port Dundas Road  
Glasgow  
G4 0HF

Project Name  
A96 Dualling East of Huntly to  
Aberdeen

Drawing Title  
OLC-005 First Fix Alignment  
Plan and Profile  
Sheet 1 of 3

Project Ref. No. 250002-92  
Stage 2  
Scale: 1:10000H 1:2000V @ A1  
Dimensions: M

Drawing Number  
A96PEA - AMAR - HGN -  
CB -DR-CH- 101501  
Location Type | Role | Number

Suitability	Suitability Description	Revision
S2	Fit For Information	P01









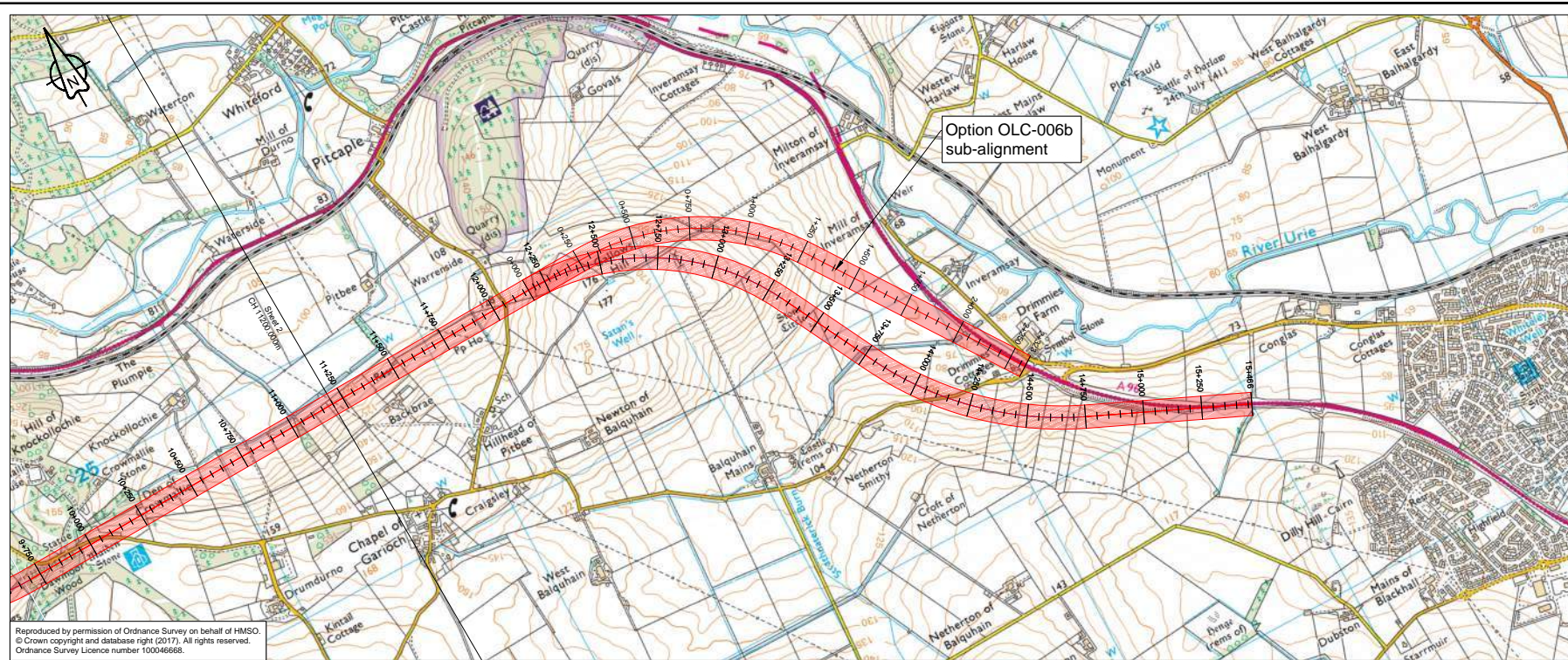






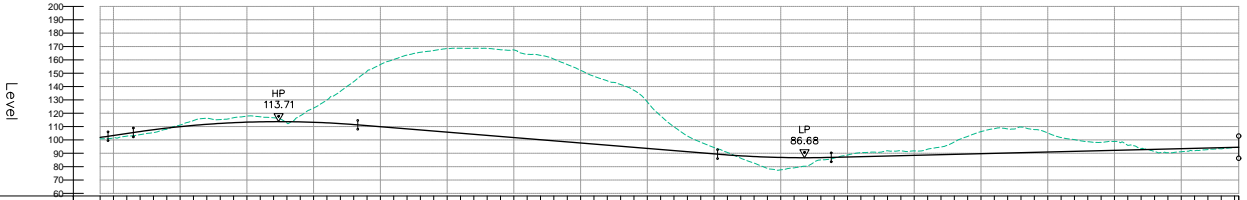






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OLC\_006 - LONGSECTION  
 SCALE: H 1:10000,V 1:2000, DATUM: 60.000



Proposed Road Level	101.925- 101.616 103.338- 104.833 106.311 107.800 109.287 110.774 112.261 113.748 115.235 116.722 118.209 119.696 121.183 122.670 124.157 125.644 127.131 128.618 130.105 131.592 133.079 134.566 136.053 137.540 139.027 140.514 142.001 143.488 144.975 146.462 147.949 149.436 150.923 152.410 153.897 155.384 156.871 158.358 159.845 161.332 162.819 164.306 165.793 167.280 168.767 170.254 171.741 173.228 174.715 176.202 177.689 179.176 180.663 182.150 183.637 185.124 186.611 188.098 189.585 191.072 192.559 194.046 195.533 197.020 198.507 200.000
Existing Ground Level	100.757- 100.448 102.135 103.822 105.509 107.196 108.883 110.570 112.257 113.944 115.631 117.318 119.005 120.692 122.379 124.066 125.753 127.440 129.127 130.814 132.501 134.188 135.875 137.562 139.249 140.936 142.623 144.310 145.997 147.684 149.371 151.058 152.745 154.432 156.119 157.806 159.493 161.180 162.867 164.554 166.241 167.928 169.615 171.302 172.989 174.676 176.363 178.050 179.737 181.424 183.111 184.798 186.485 188.172 189.859 191.546 193.233 194.920 196.607 198.294 199.981 201.668 203.355 205.042 206.729 208.416 209.999 211.582 213.165 214.748 216.331 217.914 219.497 221.080 222.663 224.246 225.829 227.412 228.995 230.578 232.161 233.744 235.327 236.910 238.493 240.076 241.659 243.242 244.825 246.408 247.991 249.574 251.157 252.740 254.323 255.906 257.489 259.072 260.655 262.238 263.821 265.404 266.987 268.570 270.153 271.736 273.319 274.902 276.485 278.068 279.651 281.234 282.817 284.400 285.983 287.566 289.149 290.732 292.315 293.898 295.481 297.064 298.647 300.230 301.813 303.396 304.979 306.562 308.145 309.728 311.311 312.894 314.477 316.060 317.643 319.226 320.809 322.392 323.975 325.558 327.141 328.724 330.307 331.890 333.473 335.056 336.639 338.222 339.805 341.388 342.971 344.554 346.137 347.720 349.303 350.886 352.469 354.052 355.635 357.218 358.801 360.384 361.967 363.550 365.133 366.716 368.299 369.882 371.465 373.048 374.631 376.214 377.797 379.380 380.963 382.546 384.129 385.712 387.295 388.878 390.461 392.044 393.627 395.210 396.793 398.376 399.959 401.542 403.125 404.708 406.291 407.874 409.457 411.040 412.623 414.206 415.789 417.372 418.955 420.538 422.121 423.704 425.287 426.870 428.453 430.036 431.619 433.202 434.785 436.368 437.951 439.534 441.117 442.700 444.283 445.866 447.449 449.032 450.615 452.198 453.781 455.364 456.947 458.530 460.113 461.696 463.279 464.862 466.445 468.028 469.611 471.194 472.777 474.360 475.943 477.526 479.109 480.692 482.275 483.858 485.441 487.024 488.607 490.190 491.773 493.356 494.939 496.522 498.105 499.688 501.271 502.854 504.437 506.020 507.603 509.186 510.769 512.352 513.935 515.518 517.101 518.684 520.267 521.850 523.433 525.016 526.599 528.182 529.765 531.348 532.931 534.514 536.097 537.680 539.263 540.846 542.429 544.012 545.595 547.178 548.761 550.344 551.927 553.510 555.093 556.676 558.259 559.842 561.425 563.008 564.591 566.174 567.757 569.340 570.923 572.506 574.089 575.672 577.255 578.838 580.421 582.004 583.587 585.170 586.753 588.336 589.919 591.502 593.085 594.668 596.251 597.834 599.417 601.000 602.583 604.166 605.749 607.332 608.915 610.498 612.081 613.664 615.247 616.830 618.413 620.000
Level Difference	1.168 1.263 1.597 2.343 3.243 3.989 4.682 5.325 6.018 6.711 7.404 8.097 8.790 9.483 10.176 10.869 11.562 12.255 12.948 13.641 14.334 15.027 15.720 16.413 17.106 17.799 18.492 19.185 19.878 20.571 21.264 21.957 22.650 23.343 24.036 24.729 25.422 26.115 26.808 27.501 28.194 28.887 29.580 30.273 30.966 31.659 32.352 33.045 33.738 34.431 35.124 35.817 36.510 37.203 37.896 38.589 39.282 39.975 40.668 41.361 42.054 42.747 43.440 44.133 44.826 45.519 46.212 46.905 47.598 48.291 48.984 49.677 50.370 51.063 51.756 52.449 53.142 53.835 54.528 55.221 55.914 56.607 57.300 57.993 58.686 59.379 60.072 60.765 61.458 62.151 62.844 63.537 64.230 64.923 65.616 66.309 67.002 67.695 68.388 69.081 69.774 70.467 71.160 71.853 72.546 73.239 73.932 74.625 75.318 76.011 76.704 77.397 78.090 78.783 79.476 80.169 80.862 81.555 82.248 82.941 83.634 84.327 85.020 85.713 86.406 87.099 87.792 88.485 89.178 89.871 90.564 91.257 91.950 92.643 93.336 94.029 94.722 95.415 96.108 96.801 97.494 98.187 98.880 99.573 100.266 100.959 101.652 102.345 103.038 103.731 104.424 105.117 105.810 106.503 107.196 107.889 108.582 109.275 109.968 110.661 111.354 112.047 112.740 113.433 114.126 114.819 115.512 116.205 116.898 117.591 118.284 118.977 119.670 120.363 121.056 121.749 122.442 123.135 123.828 124.521 125.214 125.907 126.600 127.293 127.986 128.679 129.372 130.065 130.758 131.451 132.144 132.837 133.530 134.223 134.916 135.609 136.302 136.995 137.688 138.381 139.074 139.767 140.460 141.153 141.846 142.539 143.232 143.925 144.618 145.311 146.004 146.697 147.390 148.083 148.776 149.469 150.162 150.855 151.548 152.241 152.934 153.627 154.320 155.013 155.706 156.399 157.092 157.785 158.478 159.171 159.864 160.557 161.250 161.943 162.636 163.329 164.022 164.715 165.408 166.101 166.794 167.487 168.180 168.873 169.566 170.259 170.952 171.645 172.338 173.031 173.724 174.417 175.110 175.803 176.496 177.189 177.882 178.575 179.268 179.961 180.654 181.347 182.040 182.733 183.426 184.119 184.812 185.505 186.198 186.891 187.584 188.277 188.970 189.663 190.356 191.049 191.742 192.435 193.128 193.821 194.514 195.207 195.900 196.593 197.286 197.979 198.672 199.365 200.058 200.751 201.444 202.137 202.830 203.523 204.216 204.909 205.602 206.295 206.988 207.681 208.374 209.067 209.760 210.453 211.146 211.839 212.532 213.225 213.918 214.611 215.304 215.997 216.690 217.383 218.076 218.769 219.462 220.155 220.848 221.541 222.234 222.927 223.620 224.313 225.006 225.699 226.392 227.085 227.778 228.471 229.164 229.857 230.550 231.243 231.936 232.629 233.322 234.015 234.708 235.401 236.094 236.787 237.480 238.173 238.866 239.559 240.252 240.945 241.638 242.331 243.024 243.717 244.410 245.103 245.796 246.489 247.182 247.875 248.568 249.261 249.954 250.647 251.340 252.033 252.726 253.419 254.112 254.805 255.498 256.191 256.884 257.577 258.270 258.963 259.656 260.349 261.042 261.735 262.428 263.121 263.814 264.507 265.200 265.893 266.586 267.279 267.972 268.665 269.358 270.051 270.744 271.437 272.130 272.823 273.516 274.209 274.902 275.595 276.288 276.981 277.674 278.367 279.060 279.753 280.446 281.139 281.832 282.525 283.218 283.911 284.604 285.297 285.990 286.683 287.376 288.069 288.762 289.455 290.148 290.841 291.534 292.227 292.920 293.613 294.306 295.000 295.693 296.386 297.079 297.772 298.465 299.158 299.851 300.544 301.237 301.930 302.623 303.316 304.009 304.702 305.395 306.088 306.781 307.474 308.167 308.860 309.553 310.246 310.939 311.632 312.325 313.018 313.711 314.404 315.097 315.790 316.483 317.176 317.869 318.562 319.255 319.948 320.641 321.334 322.027 322.720 323.413 324.106 324.799 325.492 326.185 326.878 327.571 328.264 328.957 329.650 330.343 331.036 331.729 332.422 333.115 333.808 334.501 335.194 335.887 336.580 337.273 337.966 338.659 339.352 340.045 340.738 341.431 342.124 342.817 343.510 344.203 344.896 345.589 346.282 346.975 347.668 348.361 349.054 349.747 350.440 351.133 351.826 352.519 353.212 353.905 354.598 355.291 355.984 356.677 357.370 358.063 358.756 359.449 360.142 360.835 361.528 362.221 362.914 363.607 364.300 364.993 365.686 366.379 367.072 367.765 368.458 369.151 369.844 370.537 371.230 371.923 372.616 373.309 374.002 374.695 375.388 376.081 376.774 377.467 378.160 378.853 379.546 380.239 380.932 381.625 382.318 383.011 383.704 384.397 385.090 385.783 386.476 387.169 387.862 388.555 389.248 389.941 390.634 391.327 392.020 392.713 393.406 394.099 394.792 395.485 396.178 396.871 397.564 398.257 398.950 399.643 400.336 401.029 401.722 402.415 403.108 403.801 404.494 405.187 405.880 406.573 407.266 407.959 408.652 409.345 410.038 410.731 411.424 412.117 412.810 413.503 414.196 414.889 415.582 416.275 416.968 417.661 418.354 419.047 419.740 420.433 421.126 421.819 422.512 423.205 423.898 424.591 425.284 425.977 426.670 427.363 428.056 428.749 429.442 430.135 430.828 431.521 432.214 432.907 433.600 434.293 434.986 435.679 436.372 437.065 437.758 438.451 439.144 439.837 440.530 441.223 441.916 442.609 443.302 443.995 444.688 445.381 446.074 446.767 447.460 448.153 448.846 449.539 450.232 450.925 451.618 452.311 453.004 453.697 454.390 455.083 455.776 456.469 457.162 457.855 458.548 459.241 459.934 460.627 461.320 462.013 462.706 463.399 464.092 464.785 465.478 466.171 466.864 467.557 468.250 468.943 469.636 470.329 471.022 471.715 472.408 473.101 473.794 474.487 475.180 475.873 476.566 477.259 477.952 480.000
Horizontal Alignment	L=2475.224 R: 1020.000 L=1144.650 L=467.530 R: 1440.000 L: 968.089 L=711.487
Vertical Alignment	R=5500.000 K=357.000 L=657.833 R=18200.000 K=182.000 L=840.658 G=-1.629% L=1347.921 R=20000.000 K=200.000 L=425.753 G=0.500% L=1526.781
Chainage	114200- 114250- 114300- 114350- 114400- 114450- 114500- 114550- 114600- 114650- 114700- 114750- 114800- 114850- 114900- 114950- 124200- 124250- 124300- 124350- 124400- 124450- 124500- 124550- 124600- 124650- 124700- 124750- 124800- 124850- 124900- 124950- 125000- 125050- 125100- 125150- 125200- 125250- 125300- 125350- 125400- 125450- 125500- 125550- 125600- 125650- 125700- 125750- 125800- 125850- 125900- 125950- 126000

P01	Fit For Information - First Fix Alignments				
	KB	RO	FM	GW	AGF
	23/02/18	23/02/18	23/02/18	19/04/18	19/04/18
Revision	Created	Checked	Reviewed	Approved	Authorised
	dd/mm/yy	dd/mm/yy	dd/mm/yy	dd/mm/yy	dd/mm/yy

Designer  
 Precision House  
 McNeil Drive  
 Mothenwell  
 ML1 4UR

Client  
 58 Port Dundas Road  
 Glasgow  
 G4 0HF

Project Name  
**A96 Dualling East of Huntly to Aberdeen**

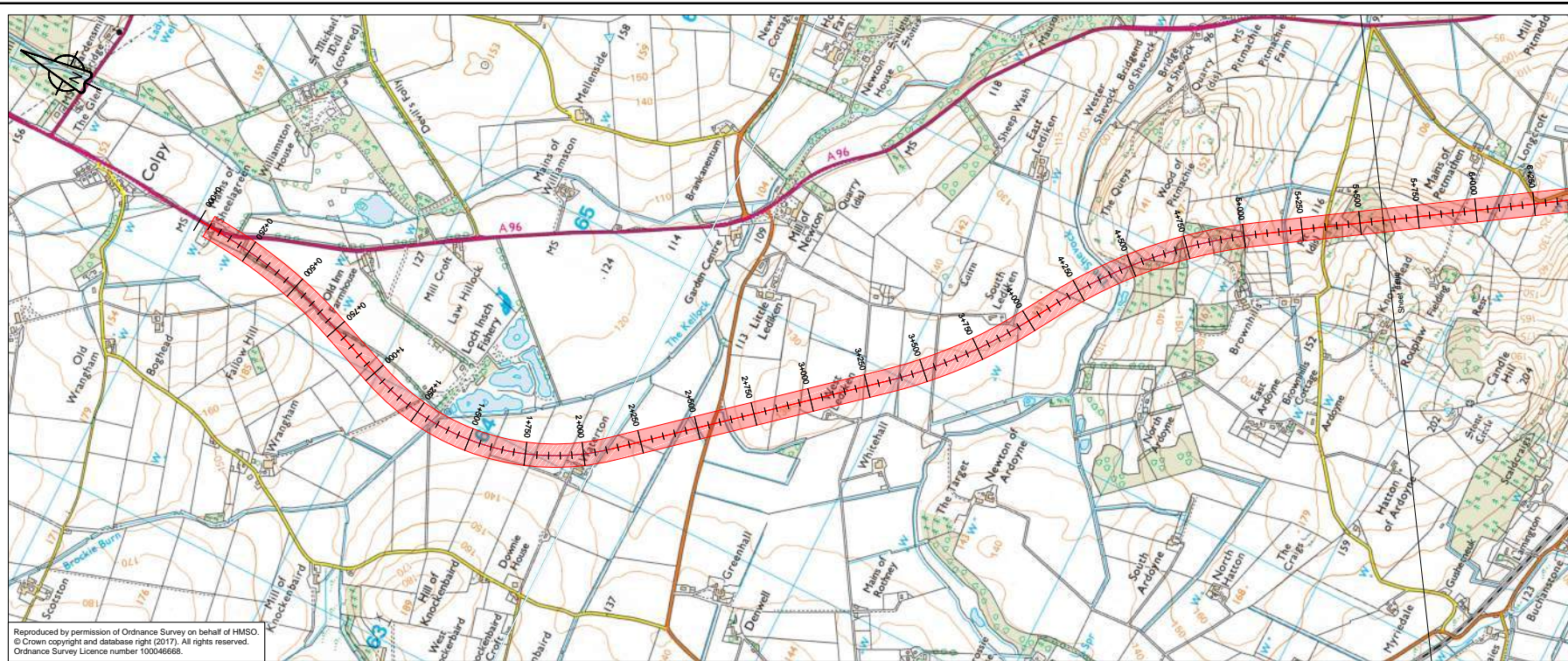
Drawing Title  
**OLC-006 First Fix Alignment Plan and Profile Sheet 3 of 3**

Project Ref. No.	Stage	Scale:
250002-92	2	1:10000H 1:2000V @ A1 Dimensions: M

Drawing Number	Project	Originator	Volume
A96PEA - AMAR - HGN -	CB	-DR-CH-	101603
Location	Type	Role	Number

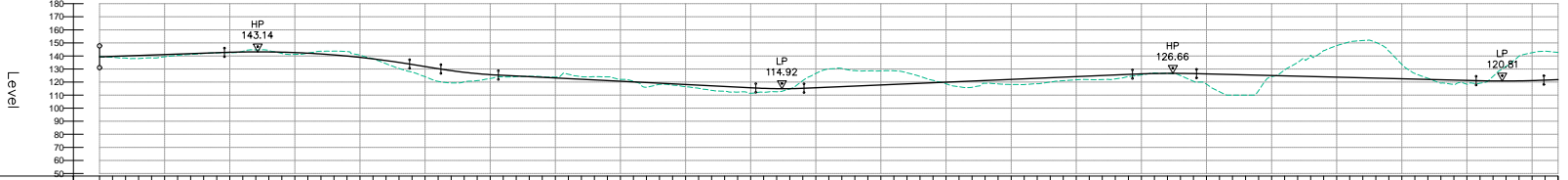
Suitability	Suitability Description	Revision
S2	Fit For Information	P01





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OLC-007 - LONGSECTION  
 SCALE: H 1:10000,V 1:2000, DATUM: 50.000



Proposed Road Level	138.331-139.681 138.981-140.081 140.081-140.781 140.781-141.081 141.081-141.481 141.481-141.781 141.781-142.131 142.131-142.541 142.541-143.001 143.001-143.135 143.135-143.087 143.087-142.801 142.801-142.418 142.418-141.918 141.918-141.344 141.344-140.785 140.785-140.601 140.601-139.902 139.902-139.471 139.471-138.949 138.949-138.482 138.482-138.087 138.087-137.659 137.659-137.201 137.201-136.820 136.820-136.418 136.418-136.000 136.000-135.554 135.554-135.200 135.200-134.820 134.820-134.418 134.418-134.000 134.000-133.554 133.554-133.200 133.200-132.820 132.820-132.418 132.418-132.000 132.000-131.554 131.554-131.200 131.200-130.820 130.820-130.418 130.418-130.000 130.000-129.554 129.554-129.200 129.200-128.820 128.820-128.418 128.418-128.000 128.000-127.554 127.554-127.200 127.200-126.820 126.820-126.418 126.418-126.000 126.000-125.554 125.554-125.200 125.200-124.820 124.820-124.418 124.418-124.000 124.000-123.554 123.554-123.200 123.200-122.820 122.820-122.418 122.418-122.000 122.000-121.554 121.554-121.200 121.200-120.820 120.820-120.418 120.418-120.000 120.000-119.554 119.554-119.200 119.200-118.820 118.820-118.418 118.418-118.000 118.000-117.554 117.554-117.200 117.200-116.820 116.820-116.418 116.418-116.000 116.000-115.554 115.554-115.200 115.200-114.820 114.820-114.418 114.418-114.000 114.000-113.554 113.554-113.200 113.200-112.820 112.820-112.418 112.418-112.000 112.000-111.554 111.554-111.200 111.200-110.820 110.820-110.418 110.418-110.000 110.000-109.554 109.554-109.200 109.200-108.820 108.820-108.418 108.418-108.000 108.000-107.554 107.554-107.200 107.200-106.820 106.820-106.418 106.418-106.000 106.000-105.554 105.554-105.200 105.200-104.820 104.820-104.418 104.418-104.000 104.000-103.554 103.554-103.200 103.200-102.820 102.820-102.418 102.418-102.000 102.000-101.554 101.554-101.200 101.200-100.820 100.820-100.418 100.418-100.000 100.000-99.554 99.554-99.200 99.200-98.820 98.820-98.418 98.418-98.000 98.000-97.554 97.554-97.200 97.200-96.820 96.820-96.418 96.418-96.000 96.000-95.554 95.554-95.200 95.200-94.820 94.820-94.418 94.418-94.000 94.000-93.554 93.554-93.200 93.200-92.820 92.820-92.418 92.418-92.000 92.000-91.554 91.554-91.200 91.200-90.820 90.820-90.418 90.418-90.000 90.000-89.554 89.554-89.200 89.200-88.820 88.820-88.418 88.418-88.000 88.000-87.554 87.554-87.200 87.200-86.820 86.820-86.418 86.418-86.000 86.000-85.554 85.554-85.200 85.200-84.820 84.820-84.418 84.418-84.000 84.000-83.554 83.554-83.200 83.200-82.820 82.820-82.418 82.418-82.000 82.000-81.554 81.554-81.200 81.200-80.820 80.820-80.418 80.418-80.000 80.000-79.554 79.554-79.200 79.200-78.820 78.820-78.418 78.418-78.000 78.000-77.554 77.554-77.200 77.200-76.820 76.820-76.418 76.418-76.000 76.000-75.554 75.554-75.200 75.200-74.820 74.820-74.418 74.418-74.000 74.000-73.554 73.554-73.200 73.200-72.820 72.820-72.418 72.418-72.000 72.000-71.554 71.554-71.200 71.200-70.820 70.820-70.418 70.418-70.000 70.000-69.554 69.554-69.200 69.200-68.820 68.820-68.418 68.418-68.000 68.000-67.554 67.554-67.200 67.200-66.820 66.820-66.418 66.418-66.000 66.000-65.554 65.554-65.200 65.200-64.820 64.820-64.418 64.418-64.000 64.000-63.554 63.554-63.200 63.200-62.820 62.820-62.418 62.418-62.000 62.000-61.554 61.554-61.200 61.200-60.820 60.820-60.418 60.418-60.000 60.000-59.554 59.554-59.200 59.200-58.820 58.820-58.418 58.418-58.000 58.000-57.554 57.554-57.200 57.200-56.820 56.820-56.418 56.418-56.000 56.000-55.554 55.554-55.200 55.200-54.820 54.820-54.418 54.418-54.000 54.000-53.554 53.554-53.200 53.200-52.820 52.820-52.418 52.418-52.000 52.000-51.554 51.554-51.200 51.200-50.820 50.820-50.418 50.418-50.000 50.000-49.554 49.554-49.200 49.200-48.820 48.820-48.418 48.418-48.000 48.000-47.554 47.554-47.200 47.200-46.820 46.820-46.418 46.418-46.000 46.000-45.554 45.554-45.200 45.200-44.820 44.820-44.418 44.418-44.000 44.000-43.554 43.554-43.200 43.200-42.820 42.820-42.418 42.418-42.000 42.000-41.554 41.554-41.200 41.200-40.820 40.820-40.418 40.418-40.000 40.000-39.554 39.554-39.200 39.200-38.820 38.820-38.418 38.418-38.000 38.000-37.554 37.554-37.200 37.200-36.820 36.820-36.418 36.418-36.000 36.000-35.554 35.554-35.200 35.200-34.820 34.820-34.418 34.418-34.000 34.000-33.554 33.554-33.200 33.200-32.820 32.820-32.418 32.418-32.000 32.000-31.554 31.554-31.200 31.200-30.820 30.820-30.418 30.418-30.000 30.000-29.554 29.554-29.200 29.200-28.820 28.820-28.418 28.418-28.000 28.000-27.554 27.554-27.200 27.200-26.820 26.820-26.418 26.418-26.000 26.000-25.554 25.554-25.200 25.200-24.820 24.820-24.418 24.418-24.000 24.000-23.554 23.554-23.200 23.200-22.820 22.820-22.418 22.418-22.000 22.000-21.554 21.554-21.200 21.200-20.820 20.820-20.418 20.418-20.000 20.000-19.554 19.554-19.200 19.200-18.820 18.820-18.418 18.418-18.000 18.000-17.554 17.554-17.200 17.200-16.820 16.820-16.418 16.418-16.000 16.000-15.554 15.554-15.200 15.200-14.820 14.820-14.418 14.418-14.000 14.000-13.554 13.554-13.200 13.200-12.820 12.820-12.418 12.418-12.000 12.000-11.554 11.554-11.200 11.200-10.820 10.820-10.418 10.418-10.000 10.000-9.554 9.554-9.200 9.200-8.820 8.820-8.418 8.418-8.000 8.000-7.554 7.554-7.200 7.200-6.820 6.820-6.418 6.418-6.000 6.000-5.554 5.554-5.200 5.200-4.820 4.820-4.418 4.418-4.000 4.000-3.554 3.554-3.200 3.200-2.820 2.820-2.418 2.418-2.000 2.000-1.554 1.554-1.200 1.200-0.820 0.820-0.418 0.418-0.000
Existing Ground Level	138.729-138.986 138.986-140.081 140.081-140.781 140.781-141.081 141.081-141.481 141.481-141.781 141.781-142.131 142.131-142.541 142.541-143.001 143.001-143.135 143.135-143.087 143.087-142.801 142.801-142.418 142.418-141.918 141.918-141.344 141.344-140.785 140.785-140.601 140.601-139.902 139.902-139.471 139.471-138.949 138.949-138.482 138.482-138.087 138.087-137.659 137.659-137.201 137.201-136.820 136.820-136.418 136.418-136.000 136.000-135.554 135.554-135.200 135.200-134.820 134.820-134.418 134.418-134.000 134.000-133.554 133.554-133.200 133.200-132.820 132.820-132.418 132.418-132.000 132.000-131.554 131.554-131.200 131.200-130.820 130.820-130.418 130.418-130.000 130.000-129.554 129.554-129.200 129.200-128.820 128.820-128.418 128.418-128.000 128.000-127.554 127.554-127.200 127.200-126.820 126.820-126.418 126.418-126.000 126.000-125.554 125.554-125.200 125.200-124.820 124.820-124.418 124.418-124.000 124.000-123.554 123.554-123.200 123.200-122.820 122.820-122.418 122.418-122.000 122.000-121.554 121.554-121.200 121.200-120.820 120.820-120.418 120.418-120.000 120.000-119.554 119.554-119.200 119.200-118.820 118.820-118.418 118.418-118.000 118.000-117.554 117.554-117.200 117.200-116.820 116.820-116.418 116.418-116.000 116.000-115.554 115.554-115.200 115.200-114.820 114.820-114.418 114.418-114.000 114.000-113.554 113.554-113.200 113.200-112.820 112.820-112.418 112.418-112.000 112.000-111.554 111.554-111.200 111.200-110.820 110.820-110.418 110.418-110.000 110.000-109.554 109.554-109.200 109.200-108.820 108.820-108.418 108.418-108.000 108.000-107.554 107.554-107.200 107.200-106.820 106.820-106.418 106.418-106.000 106.000-105.554 105.554-105.200 105.200-104.820 104.820-104.418 104.418-104.000 104.000-103.554 103.554-103.200 103.200-102.820 102.820-102.418 102.418-102.000 102.000-101.554 101.554-101.200 101.200-100.820 100.820-100.418 100.418-100.000 100.000-99.554 99.554-99.200 99.200-98.820 98.820-98.418 98.418-98.000 98.000-97.554 97.554-97.200 97.200-96.820 96.820-96.418 96.418-96.000 96.000-95.554 95.554-95.200 95.200-94.820 94.820-94.418 94.418-94.000 94.000-93.554 93.554-93.200 93.200-92.820 92.820-92.418 92.418-92.000 92.000-91.554 91.554-91.200 91.200-90.820 90.820-90.418 90.418-90.000 90.000-89.554 89.554-89.200 89.200-88.820 88.820-88.418 88.418-88.000 88.000-87.554 87.554-87.200 87.200-86.820 86.820-86.418 86.418-86.000 86.000-85.554 85.554-85.200 85.200-84.820 84.820-84.418 84.418-84.000 84.000-83.554 83.554-83.200 83.200-82.820 82.820-82.418 82.418-82.000 82.000-81.554 81.554-81.200 81.200-80.820 80.820-80.418 80.418-80.000 80.000-79.554 79.554-79.200 79.200-78.820 78.820-78.418 78.418-78.000 78.000-77.554 77.554-77.200 77.200-76.820 76.820-76.418 76.418-76.000 76.000-75.554 75.554-75.200 75.200-74.820 74.820-74.418 74.418-74.000 74.000-73.554 73.554-73.200 73.200-72.820 72.820-72.418 72.418-72.000 72.000-71.554 71.554-71.200 71.200-70.820 70.820-70.418 70.418-70.000 70.000-69.554 69.554-69.200 69.200-68.820 68.820-68.418 68.418-68.000 68.000-67.554 67.554-67.200 67.200-66.820 66.820-66.418 66.418-66.000 66.000-65.554 65.554-65.200 65.200-64.820 64.820-64.418 64.418-64.000 64.000-63.554 63.554-63.200 63.200-62.820 62.820-62.418 62.418-62.000 62.000-61.554 61.554-61.200 61.200-60.820 60.820-60.418 60.418-60.000 60.000-59.554 59.554-59.200 59.200-58.820 58.820-58.418 58.418-58.000 58.000-57.554 57.554-57.200 57.200-56.820 56.820-56.418 56.418-56.000 56.000-55.554 55.554-55.200 55.200-54.820 54.820-54.418 54.418-54.000 54.000-53.554 53.554-53.200 53.200-52.820 52.820-52.418 52.418-52.000 52.000-51.554 51.554-51.200 51.200-50.820 50.820-50.418 50.418-50.000 50.000-49.554 49.554-49.200 49.200-48.820 48.820-48.418 48.418-48.000 48.000-47.554 47.554-47.200 47.200-46.820 46.820-46.418 46.418-46.000 46.000-45.554 45.554-45.200 45.200-44.820 44.820-44.418 44.418-44.000 44.000-43.554 43.554-43.200 43.200-42.820 42.820-42.418 42.418-42.000 42.000-41.554 41.554-41.200 41.200-40.820 40.820-40.418 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12.000-11.554 11.554-11.200 11.200-10.820 10.820-10.418 10.418-10.000 10.000-9.554 9.554-9.200 9.200-8.820 8.820-8.418 8.418-8.000 8.000-7.554 7.554-7.200 7.200-6.820 6.820-6.418 6.418-6.000 6.000-5.554 5.554-5.200 5.200-4.820 4.820-4.418 4.418-4.000 4.000-3.554 3.554-3.200 3.200-2.820 2.820-2.418 2.418-2.000 2.000-1.554 1.554-1.200 1.200-0.820 0.820-0.418 0.418-0.000
Level Difference	-0.388 0.701 1.627 2.145 1.690 0.578 0.202 0.272 -0.522 -1.514 -1.024 0.889 -0.205 -2.115 -2.904 -1.699 -0.899 2.403 4.607 5.894 9.777 7.988 5.348 1.164 0.416 -0.690 -2.042 -2.905 -1.380 -0.434 3.650 0.991 0.910 3.453 3.629 3.826 4.215 2.365 2.395 0.246 -10.917 -13.886 -11.832 -11.231 -10.424 -8.477 -1.850 3.393 4.382 4.124 3.315 2.712 2.692 3.076 3.022 1.724 0.761 -0.555 0.005 1.689 5.888 7.981 13.381 15.489 11.830 0.932 -4.506 -10.555 -2













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P01	Fit For Information - First Fix Alignments				
	GB	SC	CL	CB	GMacD
	02/03/18	02/03/18	02/03/18	02/03/18	02/03/18
Revision	Revision details				
	Created	Checked	Reviewed	Approved	Authorised
	dd/mm/yy	dd/mm/yy	dd/mm/yy	dd/mm/yy	dd/mm/yy

Designer  
 Precision House  
 McNeil Drive  
 Motherwell  
 ML1 4UR



Client  
 58 Port Dundas Road  
 Glasgow  
 G4 0HF



Project Name  
**A96 Dualling East of Huntly to Aberdeen**

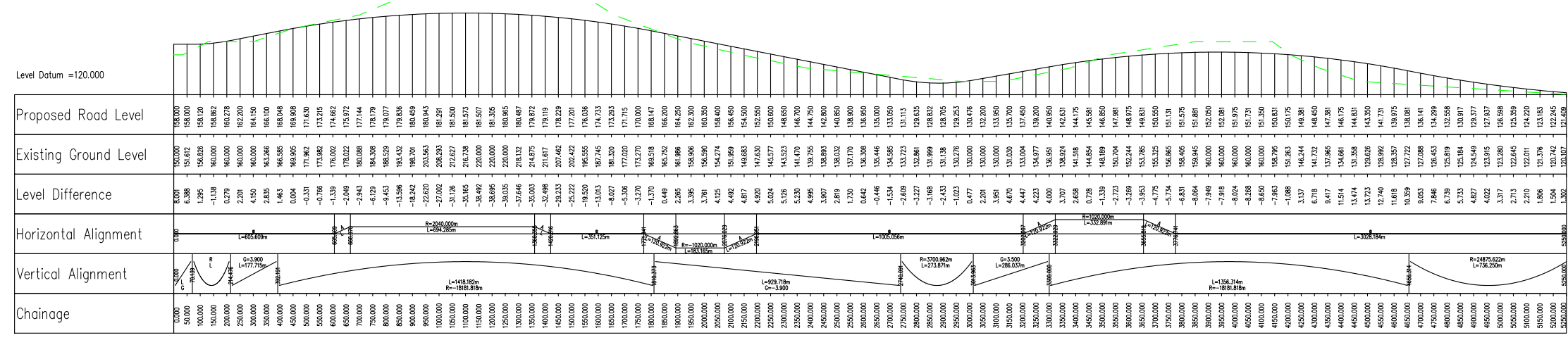
Drawing Title  
**CS02\_001 First Fix Alignment  
 Plan and Profile  
 Sheet 1 of 4**

Project Ref. No.	Stage	Scale: 1:10000H 1:2000V @ A1
250002-92	2	Dimensions: m

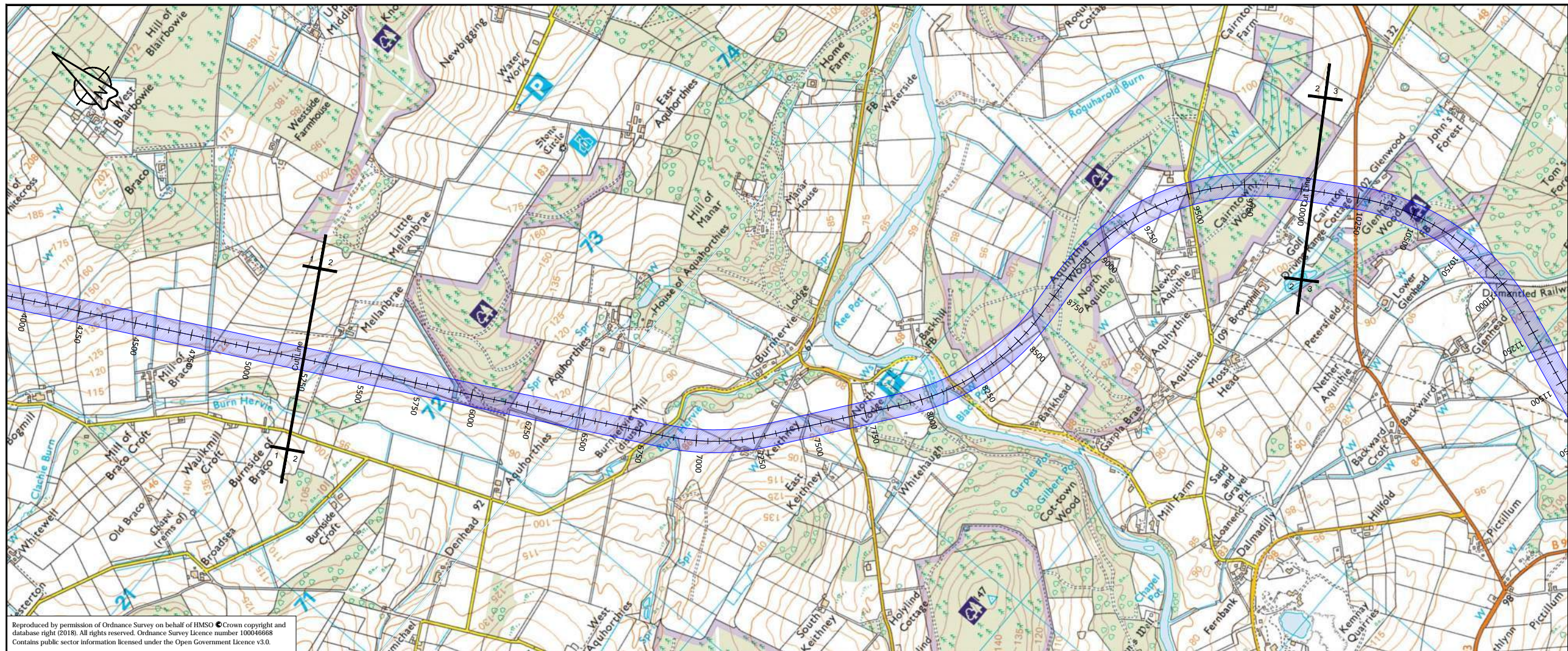
Drawing Number	Project	Originator	Volume
CC	A96PEA	- AMAR - HGN -	
	Location	Type	Role
			Number

Suitability	Suitability Description	Revision
S2	Fit For Information	P01

CS01\_001-LONGSECTION  
 SCALE: H 1:10000, V 1:2000. DATUM=120.000

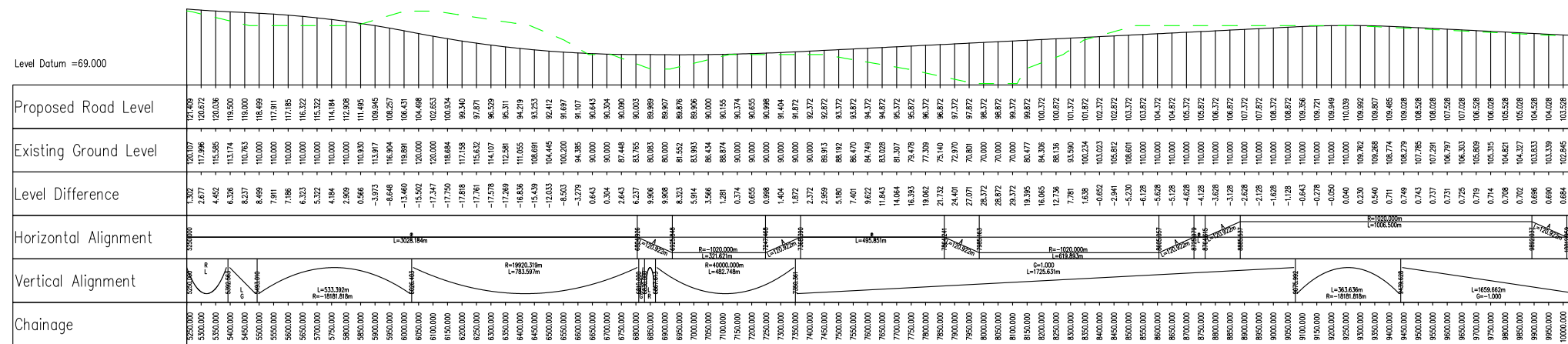






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CS01\_001-LONGSECTION  
 SCALE: H 1:10000, V 1:2000, DATUM=69.000



P01	Fit For Information - First Fix Alignments				
	GB	SC	CL	CB	GMacD
	02/03/18	02/03/18	02/03/18	02/03/18	02/03/18
Revision	Revision details				
	Created	Checked	Reviewed	Approved	Authorised
	dd/mm/yy	dd/mm/yy	dd/mm/yy	dd/mm/yy	dd/mm/yy

Designer  
 Precision House  
 McNeil Drive  
 Motherwell  
 ML1 4UR

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 58 Port Dundas Road  
 Glasgow  
 G4 0HF

Project Name  
**A96 Dualling East of Huntly to Aberdeen**

Drawing Title  
**CS02\_001 First Fix Alignment  
 Plan and Profile  
 Sheet 2 of 4**

Project Ref. No.	Stage	Scale
250002-92	2	1:10000H 1:2000V @ A1
Dimensions : m		

Drawing Number	Project	Originator	Volume
A96PEA	- AMAR -	HGN -	
CC	-DR-CH-	012102	
Location	Type	Role	Number

Suitability	Suitability Description	Revision
S2	Fit For Information	P01