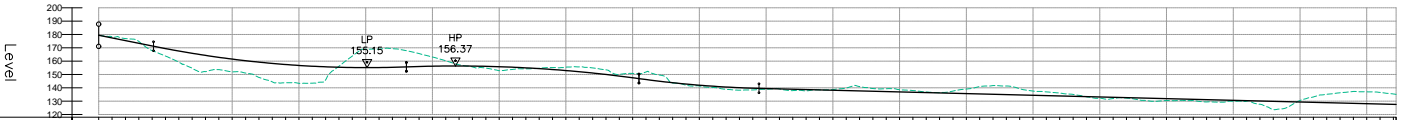


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D01\_003 - LONGSECTION  
SCALE: H 1:1000,V 1:2000. DATUM: 120.000



Proposed Road Level	170.353 -0.995 -1.586 -1.443 3.470 5.074 12.143 9.222 9.545 9.249 13.795 13.694 13.400 12.677 9.742 -8.595 -13.770 -13.884 -12.284 -6.845 -3.935 0.599 7.286 1.671 0.717 0.847 0.981 1.465 1.314 0.482 1.033 0.915 -0.466 -1.896 -3.187 -2.019 -1.330 -1.265 -0.435 -1.599 -4.598 -6.472 -4.645 -3.146 -2.164 -1.364 0.165 0.939 0.986 1.633 2.270 1.069 0.926 1.647 0.659 0.434 2.424 6.231 1.094 -3.969 -6.226 -8.857 -8.622				
Existing Ground Level	170.353 178.348 176.921 173.354 173.355 171.356 169.406 166.880 164.305 162.854 161.509 160.309 159.303 157.478 156.202 156.751 155.220 155.150 156.200 156.375 156.674 156.074 153.111 151.094 150.429 149.847 148.850 148.223 138.223 138.972 139.770 138.218 137.987 137.716 137.464 137.033 136.581 136.710 136.459 136.208 135.956 135.704 135.454 135.203 134.951 134.700 134.449 134.197 133.946 133.695 133.443 133.191 132.939 132.687 132.436 132.184 131.933 131.681 131.430 131.178 129.925 129.674 129.422 129.171 128.920 128.668 128.417 128.165 127.914				
Level Difference	0.000 -0.995 -1.586 -1.443 3.470 5.074 12.143 9.222 9.545 9.249 13.795 13.694 13.400 12.677 9.742 -8.595 -13.770 -13.884 -12.284 -6.845 -3.935 0.599 7.286 1.671 0.717 0.847 0.981 1.465 1.314 0.482 1.033 0.915 -0.466 -1.896 -3.187 -2.019 -1.330 -1.265 -0.435 -1.599 -4.598 -6.472 -4.645 -3.146 -2.164 -1.364 0.165 0.939 0.986 1.633 2.270 1.069 0.926 1.647 0.659 0.434 2.424 6.231 1.094 -3.969 -6.226 -8.857 -8.622				
Horizontal Alignment	R: 1020.000 L: 1448.893	R: 2040.000 L: 703.136	L: 2693.139	R: 2880.000 L: 1217.902	
Vertical Alignment	G = 3.999% L = 205.383	R = 20000.000 K = 200.000 L = 647.003	R = 25000.000 K = 250.000 L = 871.482	R = 20000.000 K = 200.000 L = 448.427	G = -0.503% L = 3057.557
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+880				

P01	Revision details				
	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

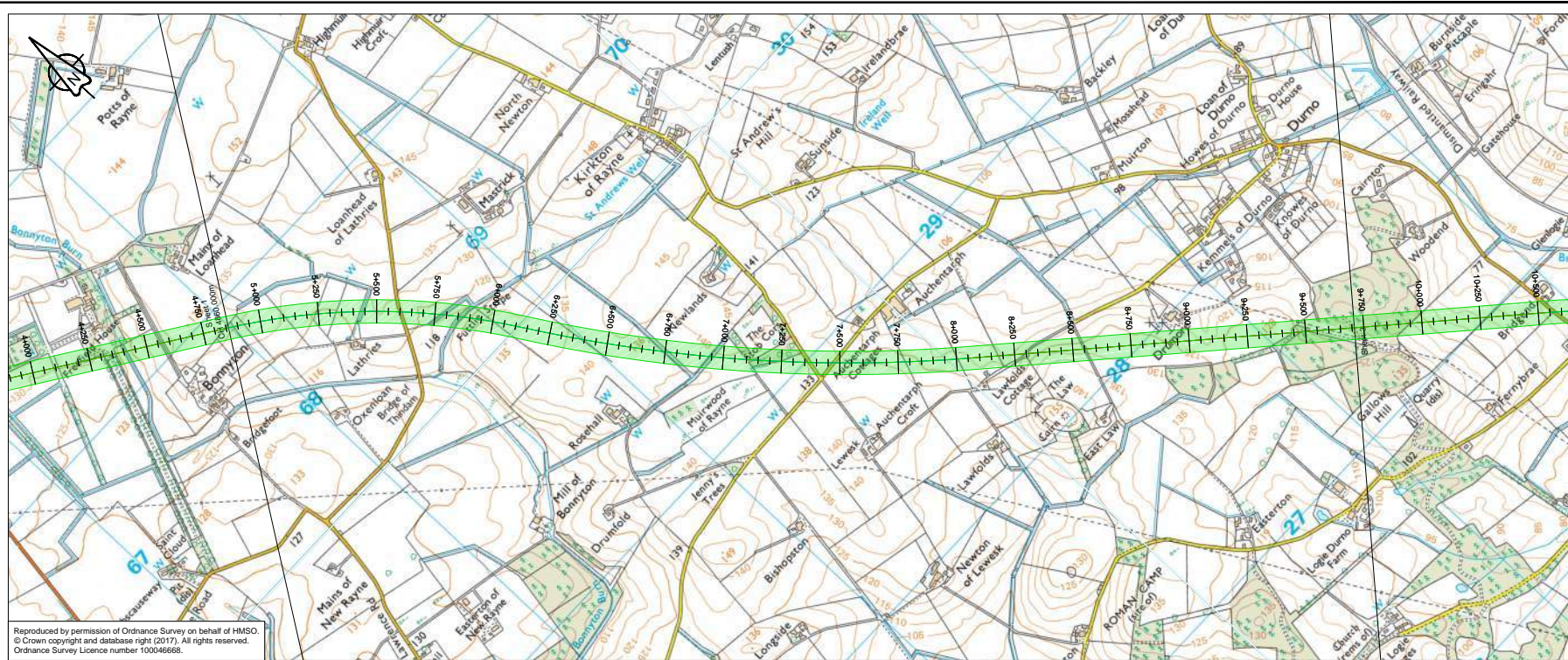
Project Name  
**A96 Dualling East of Huntly to Aberdeen**

Drawing Title  
**D01-003 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

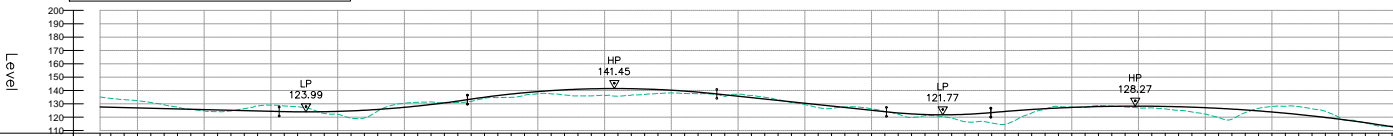
Drawing Number	Project	Originator	Volume
A96PEA - AMAR - HGN -	CD	-DR-CH-	001301
Location		Type	Role
			Number

Suitability	Suitability Description	Revision
S2	Fit for Information	P01



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D01\_003 - LONGSECTION  
SCALE: H 1:10000, V 1:2000. DATUM: 110.000



Station	Proposed Road Level	Existing Ground Level	Level Difference
4+800	127.612	125.113	2.516
4+850	127.412	134.085	-6.673
4+900	127.161	133.166	-6.000
4+950	126.909	132.357	-5.447
5+000	126.658	130.988	-4.331
5+050	126.407	129.155	-3.362
5+100	126.155	126.904	-0.749
5+150	125.904	125.852	-0.048
5+200	125.653	124.722	-0.930
5+250	125.401	124.100	-1.302
5+300	125.150	124.674	-0.476
5+350	124.900	123.898	-1.002
5+400	124.649	123.366	-1.283
5+450	124.398	123.005	-1.393
5+500	124.147	122.822	-1.325
5+550	123.896	122.640	-1.256
5+600	123.645	122.458	-1.187
5+650	123.394	122.276	-1.118
5+700	123.143	122.094	-1.049
5+750	122.892	121.912	-0.980
5+800	122.641	121.730	-0.911
5+850	122.390	121.548	-0.842
5+900	122.139	121.366	-0.773
5+950	121.888	121.184	-0.704
6+000	121.637	121.002	-0.635
6+050	121.386	120.820	-0.566
6+100	121.135	120.638	-0.497
6+150	120.884	120.456	-0.428
6+200	120.633	120.274	-0.359
6+250	120.382	120.092	-0.290
6+300	120.131	119.910	-0.221
6+350	119.880	119.728	-0.152
6+400	119.629	119.546	-0.083
6+450	119.378	119.364	-0.014
6+500	119.127	119.182	0.055
6+550	118.876	119.000	0.124
6+600	118.625	118.818	0.193
6+650	118.374	118.636	0.262
6+700	118.123	118.454	0.331
6+750	117.872	118.272	0.400
6+800	117.621	118.090	0.469
6+850	117.370	117.908	0.538
6+900	117.119	117.726	0.607
6+950	116.868	117.544	0.676
7+000	116.617	117.362	0.745
7+050	116.366	117.180	0.814
7+100	116.115	117.000	0.883
7+150	115.864	116.818	0.952
7+200	115.613	116.636	1.021
7+250	115.362	116.454	1.090
7+300	115.111	116.272	1.159
7+350	114.860	116.090	1.228
7+400	114.609	115.908	1.297
7+450	114.358	115.726	1.366
7+500	114.107	115.544	1.435
7+550	113.856	115.362	1.504
7+600	113.605	115.180	1.573
7+650	113.354	115.000	1.642
7+700	113.103	114.818	1.711
7+750	112.852	114.636	1.780
7+800	112.601	114.454	1.849
7+850	112.350	114.272	1.918
7+900	112.100	114.090	1.987
7+950	111.849	113.908	2.056
8+000	111.598	113.726	2.125
8+050	111.347	113.544	2.194
8+100	111.096	113.362	2.263
8+150	110.845	113.180	2.332
8+200	110.594	113.000	2.401
8+250	110.343	112.818	2.470
8+300	110.092	112.636	2.539
8+350	109.841	112.454	2.608
8+400	109.590	112.272	2.677
8+450	109.339	112.090	2.746
8+500	109.088	111.908	2.815
8+550	108.837	111.726	2.884
8+600	108.586	111.544	2.953
8+650	108.335	111.362	3.022
8+700	108.084	111.180	3.091
8+750	107.833	111.000	3.160
8+800	107.582	110.818	3.229
8+850	107.331	110.636	3.298
8+900	107.080	110.454	3.367
8+950	106.829	110.272	3.436
9+000	106.578	110.090	3.505
9+050	106.327	109.908	3.574
9+100	106.076	109.726	3.643
9+150	105.825	109.544	3.712
9+200	105.574	109.362	3.781
9+250	105.323	109.180	3.850
9+300	105.072	109.000	3.919
9+350	104.821	108.818	3.988
9+400	104.570	108.636	4.057
9+450	104.319	108.454	4.126
9+500	104.068	108.272	4.195
9+550	103.817	108.090	4.264
9+600	103.566	107.908	4.333
9+650	103.315	107.726	4.402
9+700	103.064	107.544	4.471
9+750	102.813	107.362	4.540
9+800	102.562	107.180	4.609
9+850	102.311	107.000	4.678
9+900	102.060	106.818	4.747
9+950	101.809	106.636	4.816
10+000	101.558	106.454	4.885

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  
Mothenwell  
ML1 4UR

Client  
58 Port Dundas Road  
Glasgow  
G4 0HF

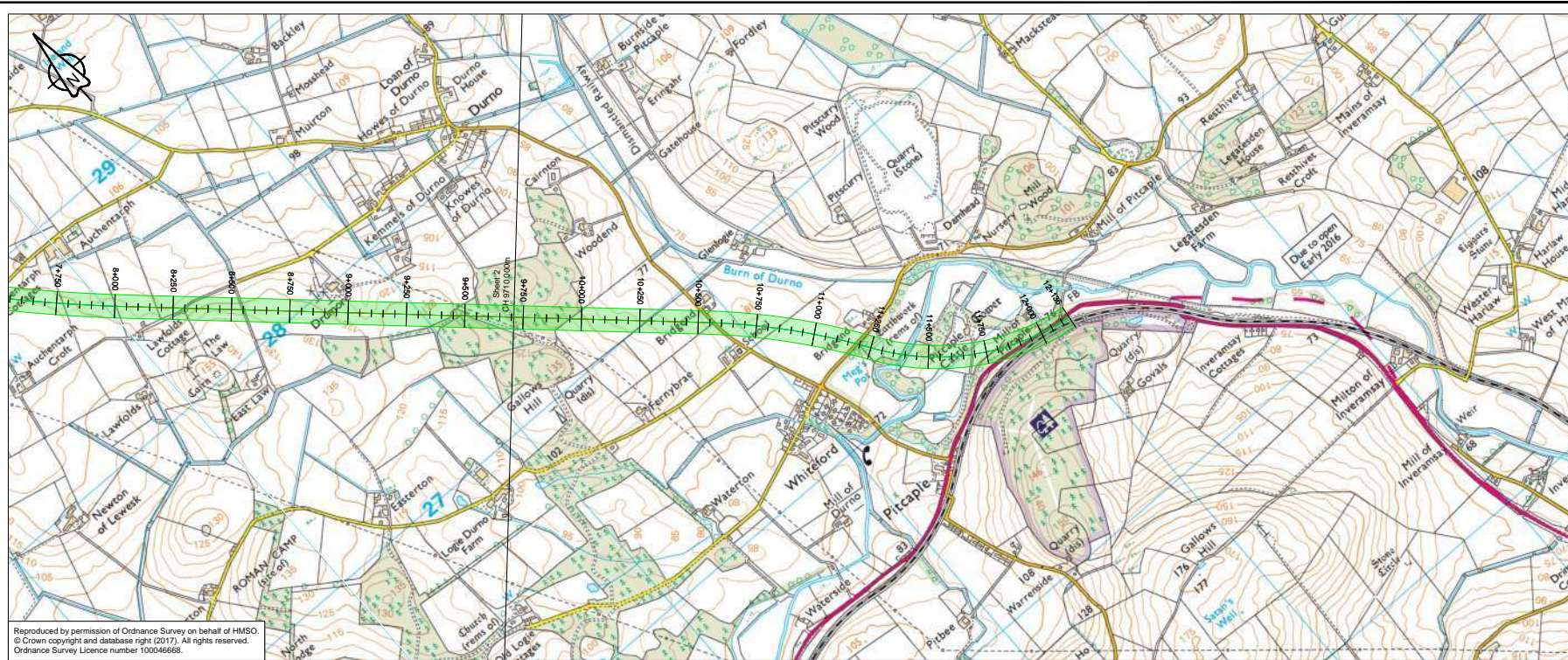
Project Name  
**A96 Dualling East of Huntly to Aberdeen**

Drawing Title  
**D01-003 First Fix Alignment Plan and Profile**  
Sheet 2 of 3

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

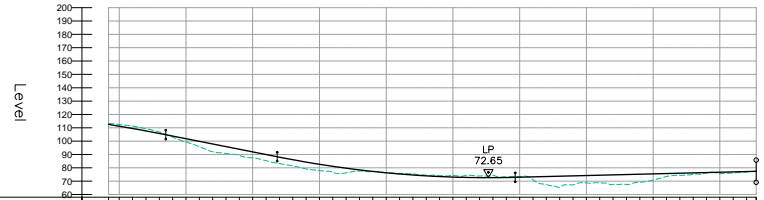
Drawing Number	Originator	Volume
A96PEA - AMAR - HGN -		
CD	-DR-CH-	001302
Location	Type	Role

Suitability	Suitability Description	Revision
S2	Work in Progress	P01



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D01\_003 - LONGSECTION  
SCALE: H 1:10000,V 1:2000. DATUM: 60.000



Proposed Road Level	112.510 112.296 109.464 107.652 106.757 103.789 99.834 97.856 93.001 91.523 87.536 83.162 81.140 84.305 82.690 77.475 76.447 76.311 75.416 74.646 75.546 74.069 73.482 73.059 72.817 72.672 72.652 73.983 73.231 73.231 73.482 73.733 74.986 75.237 75.487 75.988 74.485 74.725 67.562 67.594 69.196 70.854 74.334 75.988 76.239 76.193 76.480 76.740 76.951 77.484 77.484
Existing Ground Level	112.510 112.296 111.304 108.319 106.862 103.789 99.834 97.856 93.001 91.523 87.536 83.162 81.140 84.305 82.690 77.475 76.447 76.311 75.416 74.646 75.546 74.069 73.482 73.059 72.817 72.672 72.652 73.983 73.231 73.231 73.482 73.733 74.986 75.237 75.487 75.988 74.485 74.725 67.562 67.594 69.196 70.854 74.334 75.988 76.239 76.193 76.480 76.740 76.951 77.484 77.484
Level Difference	0.025 -1.839 -1.667 -1.105 0.005 3.950 5.609 5.107 4.611 4.386 4.407 4.600 5.100 4.408 0.889 0.026 -0.136 -0.409 -0.900 -0.300 -0.618 -1.385 -1.222 -1.223 -1.786 -0.693 2.094 8.225 6.657 6.657 7.173 6.041 4.833 1.594 1.189 0.297 1.130 0.336 0.000 0.000
Horizontal Alignment	L=2483.764 R=2880.000 L=720.960 R=1020.000 L=882.318
Vertical Alignment	G=-3.955% L=1727.417 G=0.501% L=903.167
Chainage	9+710 9+750 9+800 9+850 9+900 9+950 10+000 10+050 10+100 10+150 10+200 10+250 10+300 10+350 10+400 10+450 10+500 10+550 10+600 10+650 10+700 10+750 10+800 10+850 10+900 10+950 11+000 11+050 11+100 11+150 11+200 11+250 11+300 11+350 11+400 11+450 11+500 11+550 11+600 11+650 11+700 11+750 11+800 11+850 11+900 11+950 12+000 12+050 12+100

Revision details					
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  
Motherwell  
ML1 4UR

Client  
58 Port Dundas Road  
Glasgow  
G4 0HF

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

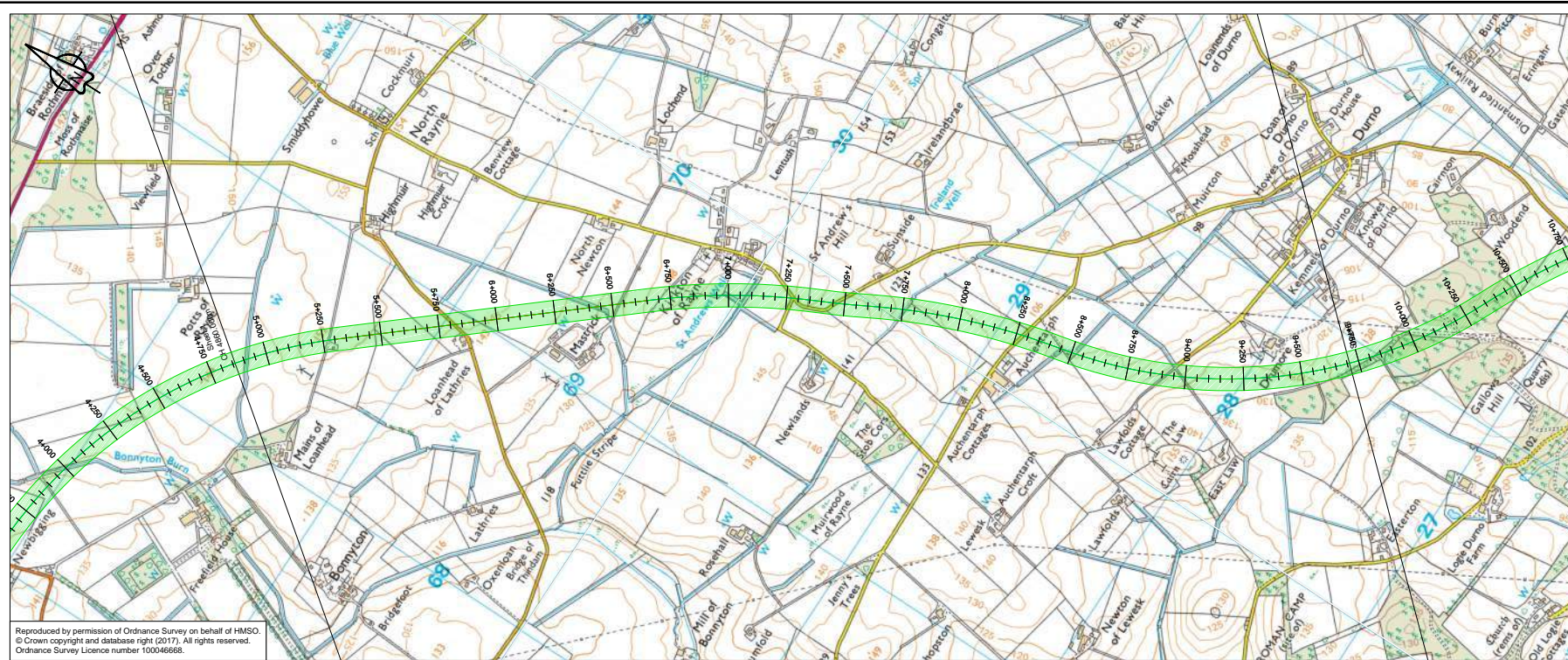
Drawing Title  
**D01-003 First Fix Alignment Plan and Profile**  
Sheet 3 of 3

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

Drawing Number	Project	Originator	Volume
A96PEA - AMAR - HGN -	CD	-DR-CH-	001303
Location	Type	Role	Number

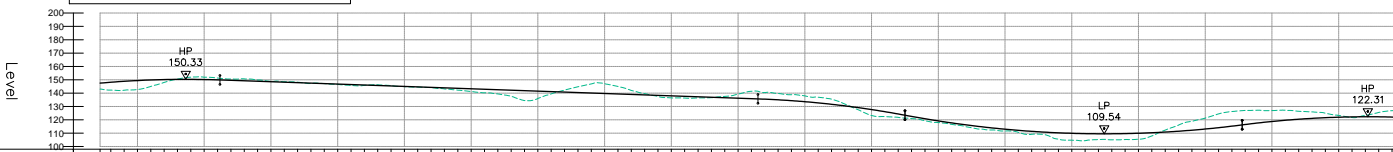
Suitability	Suitability Description	Revision
S2	Fit for Information	P01





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D01\_004 - LONGSECTION  
 SCALE: H 1:10000,V 1:2000. DATUM: 100.000



Proposed Road Level	145.523 146.124 146.726 147.328 147.930 148.532 149.134 149.736 150.338 150.940 151.542 152.144 152.746 153.348 153.950 154.552 155.154 155.756 156.358 156.960 157.562 158.164 158.766 159.368 159.970 160.572 161.174 161.776 162.378 162.980 163.582 164.184 164.786 165.388 165.990 166.592 167.194 167.796 168.398 168.999 169.601 170.203 170.805 171.407 172.009 172.611 173.213 173.815 174.417 175.019 175.621 176.223 176.825 177.427 178.029 178.631 179.233 179.835 180.437 181.039 181.641 182.243 182.845 183.447 184.049 184.651 185.253 185.855 186.457 187.059 187.661 188.263 188.865 189.467 190.069 190.671 191.273 191.875 192.477 193.079 193.681 194.283 194.885 195.487 196.089 196.691 197.293 197.895 198.497 199.099 199.701 200.303 200.905 201.507 202.109 202.711 203.313 203.915 204.517 205.119 205.721 206.323 206.925 207.527 208.129 208.731 209.333 209.935 210.537 211.139 211.741 212.343 212.945 213.547 214.149 214.751 215.353 215.955 216.557 217.159 217.761 218.363 218.965 219.567 220.169 220.771 221.373 221.975 222.577 223.179 223.781 224.383 224.985 225.587 226.189 226.791 227.393 227.995 228.597 229.199 229.801 230.403 231.005 231.607 232.209 232.811 233.413 234.015 234.617 235.219 235.821 236.423 237.025 237.627 238.229 238.831 239.433 240.035 240.637 241.239 241.841 242.443 243.045 243.647 244.249 244.851 245.453 246.055 246.657 247.259 247.861 248.463 249.065 249.667 250.269 250.871 251.473 252.075 252.677 253.279 253.881 254.483 255.085 255.687 256.289 256.891 257.493 258.095 258.697 259.299 259.901 260.503 261.105 261.707 262.309 262.911 263.513 264.115 264.717 265.319 265.921 266.523 267.125 267.727 268.329 268.931 269.533 270.135 270.737 271.339 271.941 272.543 273.145 273.747 274.349 274.951 275.553 276.155 276.757 277.359 277.961 278.563 279.165 279.767 280.369 280.971 281.573 282.175 282.777 283.379 283.981 284.583 285.185 285.787 286.389 286.991 287.593 288.195 288.797 289.399 289.999 290.601 291.203 291.805 292.407 293.009 293.611 294.213 294.815 295.417 296.019 296.621 297.223 297.825 298.427 299.029 299.631 300.233 300.835 301.437 302.039 302.641 303.243 303.845 304.447 305.049 305.651 306.253 306.855 307.457 308.059 308.661 309.263 309.865 310.467 311.069 311.671 312.273 312.875 313.477 314.079 314.681 315.283 315.885 316.487 317.089 317.691 318.293 318.895 319.497 320.099 320.701 321.303 321.905 322.507 323.109 323.711 324.313 324.915 325.517 326.119 326.721 327.323 327.925 328.527 329.129 329.731 330.333 330.935 331.537 332.139 332.741 333.343 333.945 334.547 335.149 335.751 336.353 336.955 337.557 338.159 338.761 339.363 339.965 340.567 341.169 341.771 342.373 342.975 343.577 344.179 344.781 345.383 345.985 346.587 347.189 347.791 348.393 348.995 350.000					
Existing Ground Level	143.052 142.286 141.520 140.754 140.000 139.246 138.492 137.738 136.984 136.230 135.476 134.722 133.968 133.214 132.460 131.706 130.952 130.198 129.444 128.690 127.936 127.182 126.428 125.674 124.920 124.166 123.412 122.658 121.904 121.150 120.396 119.642 118.888 118.134 117.380 116.626 115.872 115.118 114.364 113.610 112.856 112.102 111.348 110.594 109.840 109.086 108.332 107.578 106.824 106.070 105.316 104.562 103.808 103.054 102.300 101.546 100.792 100.038 99.284 98.530 97.776 97.022 96.268 95.514 94.760 94.006 93.252 92.498 91.744 90.990 90.236 89.482 88.728 87.974 87.220 86.466 85.712 84.958 84.204 83.450 82.696 81.942 81.188 80.434 79.680 78.926 78.172 77.418 76.664 75.910 75.156 74.402 73.648 72.894 72.140 71.386 70.632 69.878 69.124 68.370 67.616 66.862 66.108 65.354 64.600 63.846 63.092 62.338 61.584 60.830 60.076 59.322 58.568 57.814 57.060 56.306 55.552 54.798 54.044 53.290 52.536 51.782 51.028 50.274 49.520 48.766 48.012 47.258 46.504 45.750 45.000					
Level Difference	2.471 3.848 5.225 6.602 7.979 9.356 10.733 12.110 13.487 14.864 16.241 17.618 18.995 20.372 21.749 23.126 24.503 25.880 27.257 28.634 30.011 31.388 32.765 34.142 35.519 36.896 38.273 39.650 41.027 42.404 43.781 45.158 46.535 47.912 49.289 50.666 52.043 53.420 54.797 56.174 57.551 58.928 60.305 61.682 63.059 64.436 65.813 67.190 68.567 69.944 71.321 72.698 74.075 75.452 76.829 78.206 79.583 80.960 82.337 83.714 85.091 86.468 87.845 89.222 90.599 91.976 93.353 94.730 96.107 97.484 98.861 100.238 101.615 102.992 104.369 105.746 107.123 108.500 109.877 111.254 112.631 114.008 115.385 116.762 118.139 119.516 120.893 122.270 123.647 125.024 126.401 127.778 129.155 130.532 131.909 133.286 134.663 136.040 137.417 138.794 140.171 141.548 142.925 144.302 145.679 147.056 148.433 149.810 151.187 152.564 153.941 155.318 156.695 158.072 159.449 160.826 162.203 163.580 164.957 166.334 167.711 169.088 170.465 171.842 173.219 174.596 175.973 177.350 178.727 180.104 181.481 182.858 184.235 185.612 186.989 188.366 189.743 191.120 192.497 193.874 195.251 196.628 198.005 199.382 200.759 202.136 203.513 204.890 206.267 207.644 209.021 210.398 211.775 213.152 214.529 215.906 217.283 218.660 220.037 221.414 222.791 224.168 225.545 226.922 228.299 229.676 231.053 232.430 233.807 235.184 236.561 237.938 239.315 240.692 242.069 243.446 244.823 246.200 247.577 248.954 250.331 251.708 253.085 254.462 255.839 257.216 258.593 260.000					
Horizontal Alignment	R: 2040.000 L: 1956.417	L=1347.267	R: 2880.000 L: 743.575	R: 2880.000 L: 194.743	R: 2880.000 L: 851.251	R: 2040.000 L: 1897.594
Vertical Alignment	R=18200.000 K=182.000 L=700.211	G=-0.705% L=2015.247	R=18200.000 K=182.000 L=550.766	R=20000.000 K=1263.267 L=1546.746	R=18200.000 K=182.000 L=700.211	
Chainage	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 5+650 5+700 5+750 5+800 5+850 5+900 5+950 6+000 6+050 6+100 6+150 6+200 6+250 6+300 6+350 6+400 6+450 6+500 6+550 6+600 6+650 6+700 6+750 6+800 6+850 6+900 6+950 7+000 7+050 7+100 7+150 7+200 7+250 7+300 7+350 7+400 7+450 7+500 7+550 7+600 7+650 7+700 7+750 7+800 7+850 7+900 7+950 8+000 8+050 8+100 8+150 8+200 8+250 8+300 8+350 8+400 8+450 8+500 8+550 8+600 8+650 8+700 8+750 8+800 8+850 8+900 8+950 9+000 9+050 9+100 9+150 9+200 9+250 9+300 9+350 9+400 9+450 9+500 9+550 9+600 9+650 9+700					

P01	Revision details				
	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  
 Mothenwell  
 ML1 4UR

Client  
 58 Port Dundas Road  
 Glasgow  
 G4 0HF

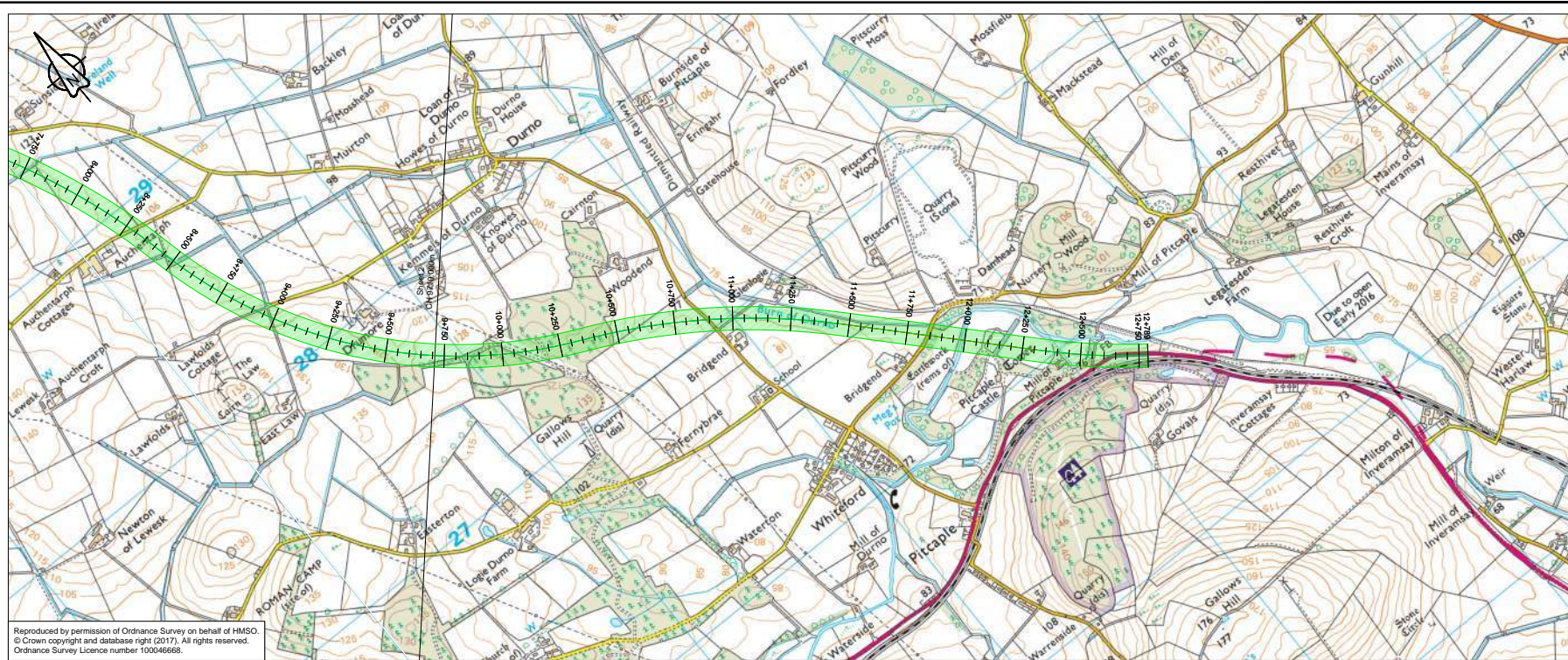
Project Name  
**A96 Dualling East of Huntly to Aberdeen**

Drawing Title  
**D01-004 First Fix Alignment Plan and Profile Sheet 2 of 3**

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

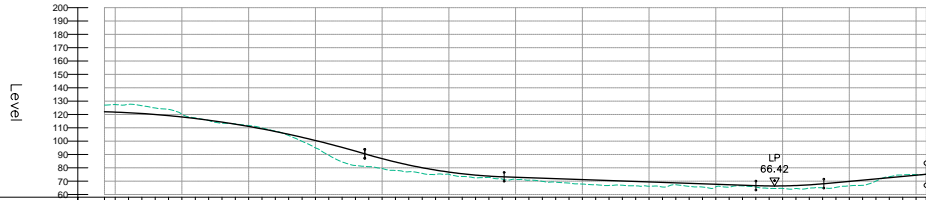
Drawing Number	Project	Originator	Volume
A96PEA - AMAR - HGN -			
CD	-DR-CH-	001402	
Location	Type	Role	Number

Suitability	Suitability Description	Revision
S2	Fit for Information	P01



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D01\_004 - LONGSECTION  
 SCALE: H 1:10000,V 1:2000. DATUM: 60.000



Proposed Road Level	122.025 121.780 121.394 120.711 118.112 118.107 116.964 115.684 114.267 111.020 107.224 105.120 102.876 99.884 97.883 84.442 95.330 88.627 86.369 79.948 72.944 70.767 69.948 68.731 68.576 71.500 70.851 70.500 68.410 68.126 67.742 65.518 67.364 66.687 66.441 66.441 66.370 67.263 66.807 66.538 66.958 66.880 66.482 66.101 66.101 71.921 73.645 73.645 74.484 74.484 74.484
Existing Ground Level	126.976 127.397 126.536 120.711 118.112 120.114 117.356 115.418 114.267 111.020 109.191 104.213 102.876 99.884 93.489 84.442 95.330 88.627 86.369 79.948 72.944 70.767 69.948 68.731 68.576 71.500 70.851 70.500 68.410 68.126 67.742 65.518 67.364 66.687 66.441 66.441 66.370 67.263 66.807 66.538 66.958 66.880 66.482 66.101 66.101 71.921 73.645 73.645 74.484 74.484 74.484
Level Difference	-4.950 -5.638 -6.255 -5.835 -4.690 -2.007 -0.383 0.203 0.054 -0.941 -0.700 -0.284 0.907 2.986 8.494 10.888 10.774 8.763 7.970 7.000 1.828 2.298 2.298 2.335 3.234 3.464 1.424 2.285 1.111 1.846 1.039 1.948 2.250 2.461 3.076 3.569 3.388 0.657 0.859 -0.717 -1.098 -0.390 -0.000
Horizontal Alignment	R: 2040.000 L: 1897.594 R: 2880.000 L: 1124.563 L=850.192 L=0.000 R: 2880.000 L: 473.106
Vertical Alignment	R=18200.000 K=182.000 L=1546.746 R=10000.000 K=100.000 L=521.590 G=-0.697% L=943.530 R=10000.000 K=100.000 L=254.072 G=1.843% L=354.050
Chainage	9+710 9+750 9+800 9+850 9+900 10+000 10+050 10+100 10+150 10+200 10+250 10+300 10+350 10+400 10+450 10+500 10+550 10+600 10+650 10+700 10+750 11+000 11+050 11+100 11+150 11+200 11+250 11+300 11+350 11+400 11+450 11+500 11+550 11+600 11+650 11+700 11+750 11+800 11+850 11+900 11+950 12+000 12+050 12+100 12+150 12+200 12+250 12+300 12+350 12+400 12+450 12+500 12+550 12+600 12+650 12+700 12+750

P01	Revision details				
	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  
 Mothenwell  
 ML1 4UR

Client  
 58 Port Dundas Road  
 Glasgow  
 G4 0HF

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

Drawing Title  
**D01-004 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

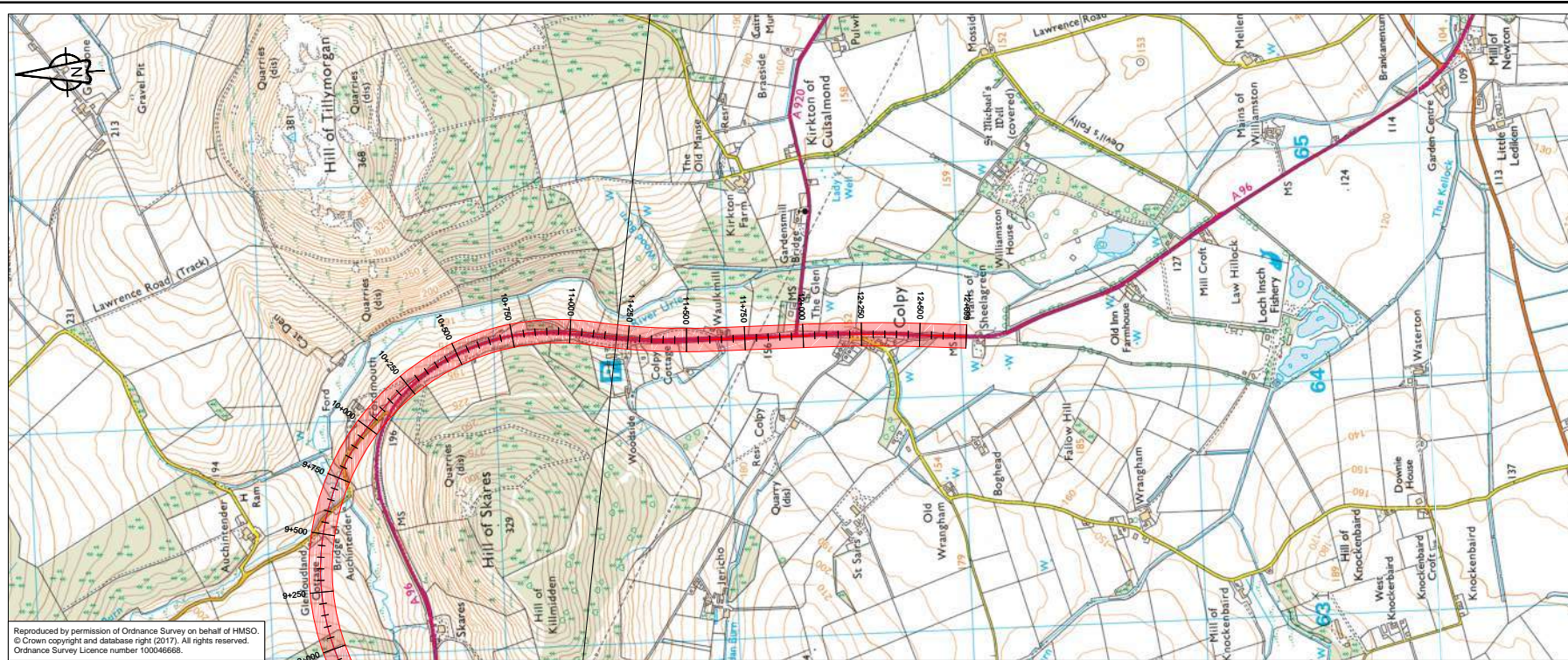
Drawing Number  
 Project  
**A96PEA - AMAR - HGN -**  
**CD -DR-CH- 001403**  
 Location | Type | Role | Number

Suitability	Suitability Description	Revision
S2	Fit for Information	P01



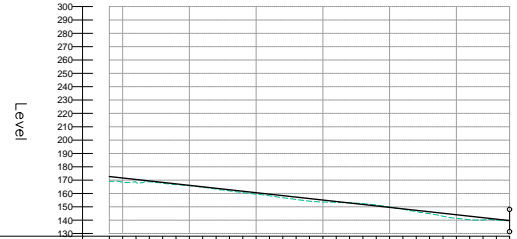






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OLN\_001 - LONGSECTION  
SCALE: H 1:10000,V 1:2000. DATUM: 130.000



Proposed Road Level	Existing Ground Level	Level Difference	Horizontal Alignment	Vertical Alignment	Chainage
172.714	169.128	3.586	R: 2880.000 L: 519.330	G = -2.200% L = 1927.817	114200
171.614	168.527	3.087			114300
170.514	168.507	2.008	L = 417.336	R: 7000.000 L: 527.708	114400
169.414	168.713	0.702			114500
168.314	167.796	0.518	L = 141.223	L = 141.223	114600
167.214	166.628	0.586			114700
166.114	165.658	0.456			114800
165.014	164.686	0.328			114900
163.914	163.290	0.625			115000
162.814	161.944	1.084			115100
161.714	160.701	1.013			115200
160.614	159.555	1.059			115300
159.514	158.409	1.105			115400
158.414	157.263	1.151			115500
157.314	156.117	1.197			115600
156.214	154.971	1.246			115700
155.114	153.825	1.286			115800
154.014	152.679	1.333			115900
152.914	151.533	1.386			116000
151.814	150.387	1.426			116100
150.714	149.241	1.475			116200
149.614	148.095	1.515			116300
148.514	146.949	1.566			116400
147.414	145.803	1.617			116500
146.314	144.657	1.668			116600
145.214	143.511	1.719			116700
144.114	142.365	1.770			116800
143.014	141.219	1.791			116900
141.914	140.073	1.846			117000
140.814	138.927	1.886			117100
139.714	137.781	1.937			117200
138.614	136.635	1.977			117300
137.514	135.489	2.028			117400
136.414	134.343	2.079			117500
135.314	133.197	2.130			117600
134.214	132.051	2.181			117700
133.114	130.905	2.232			117800
132.014	129.759	2.283			117900
130.914	128.613	2.334			118000
129.814	127.467	2.385			118100
128.714	126.321	2.436			118200
127.614	125.175	2.487			118300
126.514	124.029	2.538			118400
125.414	122.883	2.589			118500
124.314	121.737	2.640			118600
123.214	120.591	2.691			118700
122.114	119.445	2.742			118800
121.014	118.299	2.793			118900
119.914	117.153	2.844			119000
118.814	116.007	2.895			119100
117.714	114.861	2.946			119200
116.614	113.715	2.997			119300
115.514	112.569	3.048			119400
114.414	111.423	3.099			119500
113.314	110.277	3.150			119600
112.214	109.131	3.201			119700
111.114	107.985	3.252			119800
110.014	106.839	3.303			119900
108.914	105.693	3.354			120000
107.814	104.547	3.405			120100
106.714	103.401	3.456			120200
105.614	102.255	3.507			120300
104.514	101.109	3.558			120400
103.414	100.000	3.609			120500
102.314	98.891	3.660			120600
101.214	97.782	3.711			120700
100.114	96.673	3.762			120800
99.014	95.564	3.813			120900
97.914	94.455	3.864			121000
96.814	93.346	3.915			121100
95.714	92.237	3.966			121200
94.614	91.128	4.017			121300
93.514	90.019	4.068			121400
92.414	88.910	4.119			121500
91.314	87.801	4.170			121600
90.214	86.692	4.221			121700
89.114	85.583	4.272			121800
88.014	84.474	4.323			121900
86.914	83.365	4.374			122000
85.814	82.256	4.425			122100
84.714	81.147	4.476			122200
83.614	80.038	4.527			122300
82.514	78.929	4.578			122400
81.414	77.820	4.629			122500
80.314	76.711	4.680			122600
79.214	75.602	4.731			122700
78.114	74.493	4.782			122800
77.014	73.384	4.833			122900
75.914	72.275	4.884			123000
74.814	71.166	4.935			123100
73.714	70.057	4.986			123200
72.614	68.948	5.037			123300
71.514	67.839	5.088			123400
70.414	66.730	5.139			123500
69.314	65.621	5.190			123600
68.214	64.512	5.241			123700
67.114	63.403	5.292			123800
66.014	62.294	5.343			123900
64.914	61.185	5.394			124000
63.814	60.076	5.445			124100
62.714	58.967	5.496			124200
61.614	57.858	5.547			124300
60.514	56.749	5.598			124400
59.414	55.640	5.649			124500
58.314	54.531	5.700			124600
57.214	53.422	5.751			124700
56.114	52.313	5.802			124800
55.014	51.204	5.853			124900
53.914	50.095	5.904			125000

P01	Fit For Information - First Fix Alignments				
	KB	RO	FM	GW	
	23/02/18	23/02/18	23/02/18	19/04/18	
Revision details					
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

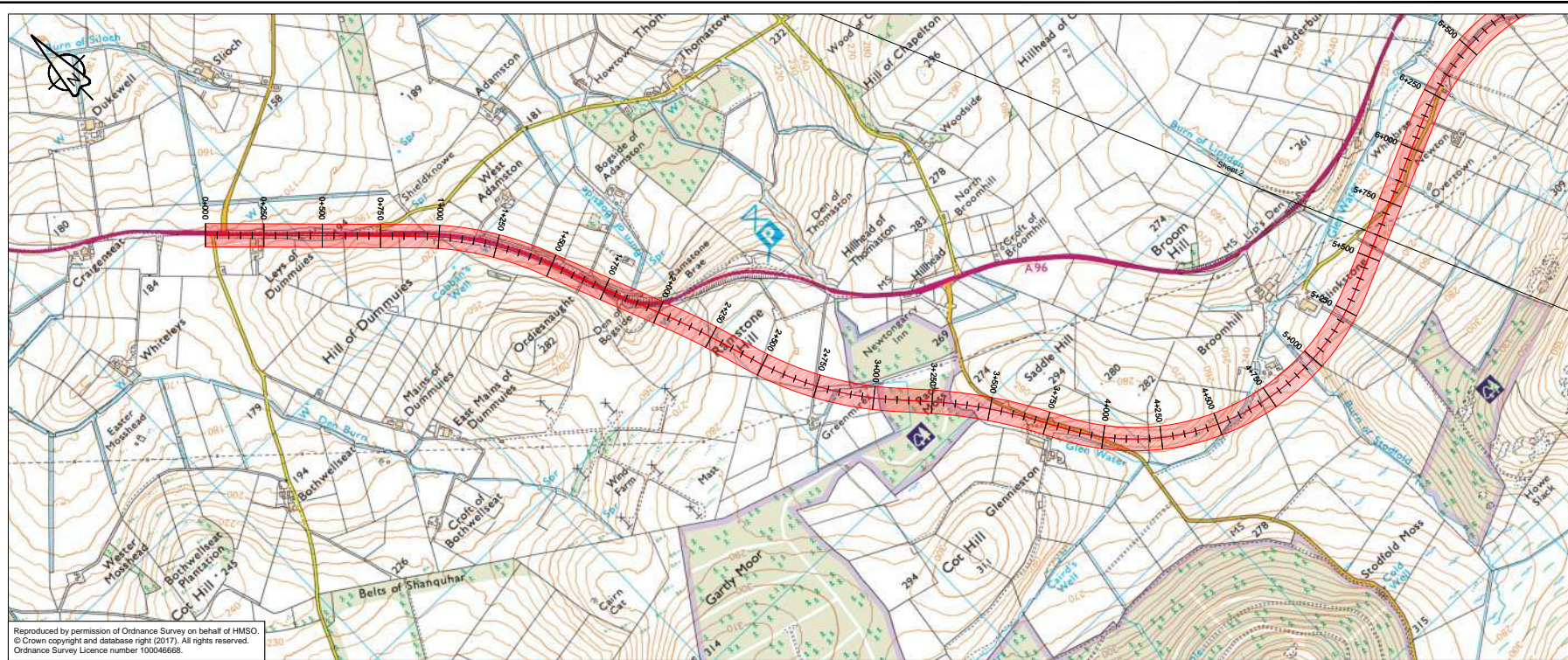
Project Name  
**A96 Dualling East of Huntly to Aberdeen**

Drawing Title  
**OLN-001 First Fix Alignment Plan and Profile Sheet 3 of 3**

Project Ref. No.	Stage	Scale: 1:1000H 1:2000V @ A1
250002-92	2	Dimensions: M

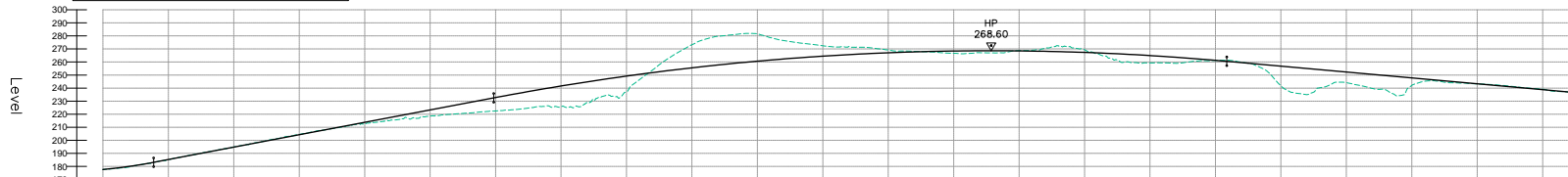
Drawing Number  
Project  
**A96PEA - AMAR - HGN - CB -DR-CH- 100103**  
Location  
Type | Role | Number

Suitability	Suitability Description	Revision
S2	Fit For Information	P01



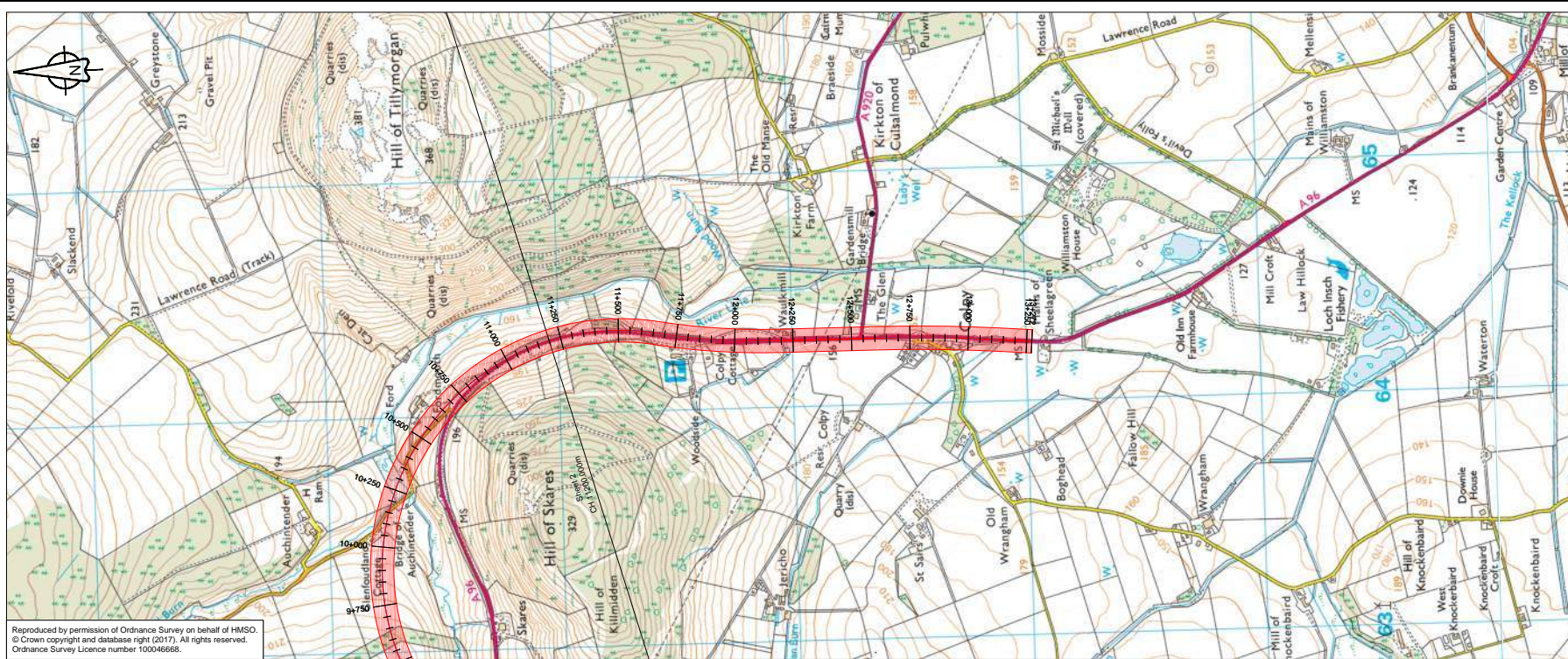
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OLN\_002 - LONGSECTION  
SCALE: H 1:10000,V 1:2000. DATUM: 170.000



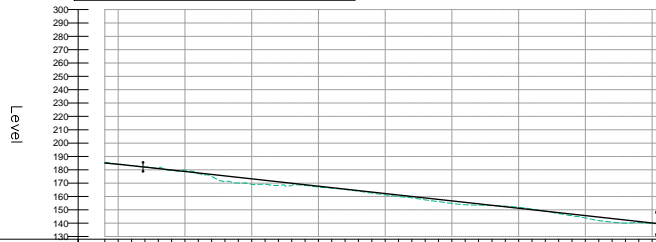
Proposed Road Level	177.648 178.703 179.545 180.008 181.563 183.365 185.367 187.167 189.067 191.138 193.067 192.867 200.467 202.367 206.167 209.967 211.867 213.667 215.567 217.567 219.567 221.567 223.267 225.167 226.967 228.867 230.767 232.567 234.367 236.167 237.967 239.767 241.567 243.367 245.167 246.967 248.767 250.567 252.367 254.167 255.967 257.767 259.567 261.367 263.167 264.967 266.767 268.567 270.367 272.167 273.967 275.767 277.567 279.367 281.167 282.967 284.767 286.567 288.367 290.167 291.967 293.767 295.567 297.367 299.167 300.967 302.767 304.567 306.367 308.167 309.967 311.767 313.567 315.367 317.167 318.967 320.767 322.567 324.367 326.167 327.967 329.767 331.567 333.367 335.167 336.967 338.767 340.567 342.367 344.167 345.967 347.767 349.567 351.367 353.167 354.967 356.767 358.567 360.367 362.167 363.967 365.767 367.567 369.367 371.167 372.967 374.767 376.567 378.367 380.167 381.967 383.767 385.567 387.367 389.167 390.967 392.767 394.567 396.367 398.167 399.967 401.767 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1469.167 1470.967 1472.767 1474.567 1476.367 1478.167 1479.967 1481.767 1483.567 1485.367 1487.167 1488.967 1490.767 1492.567 1494.367 1496.167 1497.967 1499.767 1501.567 1503.367 1505.167 1506.967 1508.767 1510.567 1512.367 1514.167 1515.967 1517.767 1519.567 1521.367 1523.167 1524.967 1526.767 1528.567 1530.367 1532.167 1533.967 1535.767 1537.567 1539.367 1541.167 1542.967 1544.767 1546.567 1548.367 1550.167 1551.967 1553.767 1555.567 1557.367 1559.167 1560.967 1562.767 1564.567 1566.367 1568.167 1569.967 1571.767 1573.567 1575.367 1577.167 1578.967 1580.767 1582.567 1584.367 1586.167 1587.967 1589.767 1591.567 1593.367 1595.167 1596.967 1598.767 1600.567 1602.367 1604.167 1605.967 1607.767 1609.567 1611.367 1613.167 1614.967 1616.767 1618.567 1620.367 1622.167 1623.967 1625.767 1627.567 1629.367 1631.167 1632.967 1634.767 1636.567 1638.367 1640.167 1641.967 1643.767 1645.567 1647.367 1649.167 1650.967 1652.767 1654.567 1656.367 1658.167 1659.967 1661.767 1663.567 1665.367 1667.167 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2268.367 2270.167 2271.967 2273.767 2275.567 2277.367 2279.167 2280.967 2282.767 2284.567 2286.367 2288.167 2289.967 2291.767 2293.567 2295.367 2297.167 2298.967 2300.767 2302.567 2304.367 2306.167 2307.967 2309.767 2311.567 2313.367 2315.167 2316.967 2318.767 2320.567 2322.367 2324.167 2325.967 2327.767 2329.567 2331.367 2333.167 2334.967 2336.767 2338.567 2340.367 2342.167 2343.967 2345.767 2347.567 2349.367 2351.167 2352.967 2354.767 2356.567 2358.367 2360.167 2361.967 2363.767 2365.567 2367.367 2369.167 2370.967 2372.767 2374.567 2376.367 2378.167 2379.967 2381.767 2383.567 2385.367 2387.167 2388.967 2390.767 2392.567 2394.367 2396.167 2397.967 2399.767 2401.567 2403.367 2405.167 2406.967 2408.767 2410.567 2412.367 2414.167 2415.967 241
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OLN\_002 - LONGSECTION  
SCALE: H 1:10000, V 1:2000, DATUM: 130.000



Proposed Road Level	185.109 185.396 185.091 185.096 185.095 01.03 18.191 181.124 -0.210 181.124 179.500 0.314 179.500 -0.077 179.793 178.714 -0.077 179.793 178.714 1.512 175.002 176.514 4.018 171.396 174.314 4.322 168.992 173.214 4.089 168.125 173.214 29.30 168.183 172.114 1.682 168.271 169.914 0.543 168.271 168.914 0.349 166.294 166.614 0.286 165.227 165.514 0.286 165.227 165.514 0.748 162.665 163.313 0.987 161.247 162.213 1.154 159.896 161.113 1.042 158.971 160.013 1.451 157.462 158.913 1.891 154.822 156.713 1.771 153.842 155.613 1.040 153.472 154.513 0.264 153.146 153.413 -0.474 152.797 152.313 -0.473 150.586 150.113 0.117 148.898 149.013 0.745 147.168 147.913 1.078 145.734 146.813 1.771 143.944 145.713 2.645 140.868 143.513 2.345 140.065 142.413 0.780 140.532 141.313 1.385 138.597 138.713 0.216
Existing Ground Level	185.396 185.091 181.911 181.124 179.500 179.500 179.793 178.714 175.002 171.396 174.314 168.992 168.125 168.183 168.271 168.914 168.271 168.914 166.294 166.614 165.227 165.514 162.665 163.313 161.247 159.896 158.971 157.462 156.713 153.842 153.472 153.146 152.797 152.313 150.586 148.898 147.168 145.734 143.944 140.868 140.065 140.532 141.313 138.597 138.713
Level Difference	-0.285 0.095 0.103 -0.210 0.314 -0.077 -0.077 1.512 4.018 4.322 4.089 29.30 1.682 0.543 0.349 0.286 0.286 0.748 0.987 1.154 1.042 1.451 1.891 1.771 1.040 0.264 -0.474 -0.473 0.117 0.745 1.078 1.771 2.645 2.345 0.780 0.216
Horizontal Alignment	R: 1020.000 L: 2524.314 R: 2880.000 L: 519.330 L: 417.336 R: 7000.000 L: 527.708 L: 141.220
Vertical Alignment	R: 50000.000 N: 4500.000 L: 567.043 G = -2.200% L = 1928.861
Chainage	114200 114300 114350 114400 114450 114500 114550 114600 114650 114700 114750 114800 114850 114900 114950 124000 124100 124200 124250 124300 124350 124400 124450 124500 124550 124600 124650 124700 124750 124800 124850 124900 124950 131000 131100 131200 132200

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 details					
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

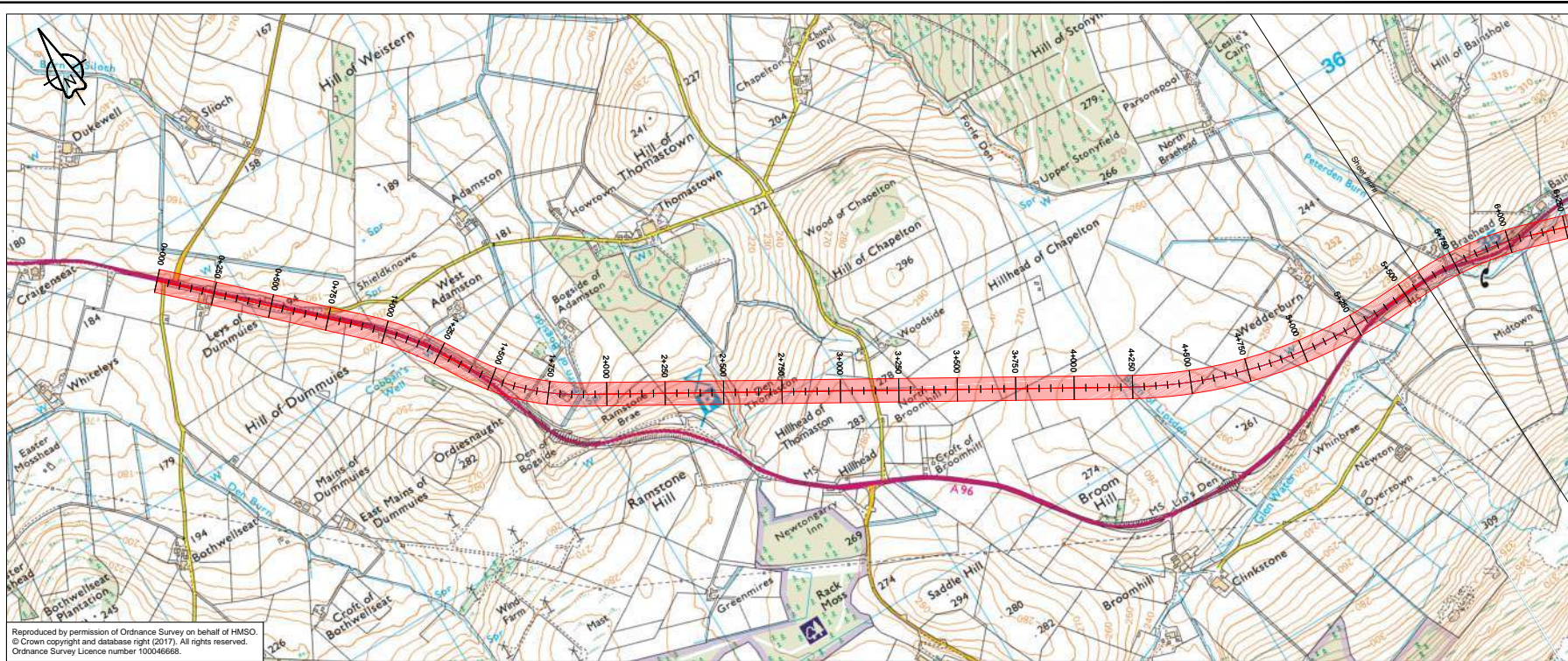
Project Name  
A96 Dualling East of Huntly to  
Aberdeen

Drawing Title  
OLN-002 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		

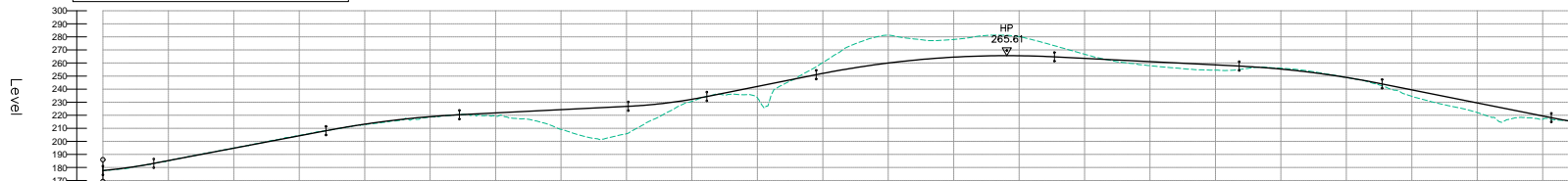
Drawing Number  
Project  
A96PEA - AMAR - HGN -  
CB -DR-CH- 100203  
Location  
Type | Role | Number

Suitability	Suitability Description	Revision
S2	Fit For Information	P01



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OLN\_003 - LONGSECTION  
SCALE: H 1:10000,V 1:2000. DATUM: 170.000



Proposed Road Level	177.641 178.704 180.008 181.563 183.367 185.387 187.587 189.967 192.567 195.367 198.367 201.467 204.667 207.967 211.367 214.867 218.467 222.167 225.967 229.867 233.867 237.967 242.167 246.467 250.867 255.367 259.967 264.667 269.467 274.367 279.367 284.467 289.667 294.967 300.367	
Existing Ground Level	177.641 178.475 180.008 181.570 183.367 185.387 187.587 189.967 192.567 195.367 198.367 201.467 204.667 207.967 211.367 214.867 218.467 222.167 225.967 229.867 233.867 237.967 242.167 246.467 250.867 255.367 259.967 264.667 269.467 274.367 279.367 284.467 289.667 294.967 300.367	
Level Difference	0.001 0.229 -0.006 -0.016 -0.081 -0.168 -0.174 -0.190 -0.156 -0.508 -0.289 0.216 0.316 0.299 0.325 0.650 0.386 1.256 0.327 0.155 -0.047 0.216 2.632 4.217 5.556 7.409 10.675 18.716 24.348 22.831 20.960 11.596 3.619 1.584 0.215 4.349 10.496 -0.326 -4.526 -4.257 -8.303 -12.798 -17.096 -21.096 -15.607 -11.843 -16.208 -13.975 -14.069 -15.529 -15.779 -15.607 -12.500 -7.824 -3.194 1.630 1.721 2.426 3.107 3.575 4.294 4.249 3.742 2.315 -0.346 -0.696 -0.945 -0.921 -0.986 -0.098 0.040 1.839 3.005 6.296 6.537 7.330 10.253 5.391 3.416 2.532 1.101	
Horizontal Alignment	L=916.309 R=1350.000 L=120.000 R=1020.000 L=500.416 L=2340.018 R=2040.000 L=1183.872 R=1440.000 L=165.650,173	
Vertical Alignment	R=10000.000 K=100.000 L=194.000 G=3.800% L=558.145 R=18200.000 K=162.000 L=509.600 G=1.000% L=645.108 R=10000.000 K=100.000 L=300.000 G=4.000% L=117.920 R=18200.000 K=162.000 L=910.000 G=-1.000% L=705.976 R=18200.000 K=162.000 L=546.000 G=-4.000% L=646.786 R=10000.000 K=100.000 L=440.000	
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  
**OLN-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-	100301
	Location	Type	Role

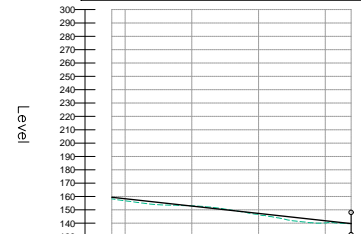
Suitability	Suitability Description	Revision
S2	Fit For Information	P01





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OLN\_003 - LONGSECTION  
SCALE: H 1:10000, V 1:2000. DATUM: 130.000



Chainage	Proposed Road Level	Existing Ground Level	Level Difference
11+200	159.402	158.202	1.200
11+250	158.353	156.794	1.559
11+300	157.253	155.442	1.811
11+350	156.153	154.228	1.925
11+400	155.053	153.694	1.449
11+450	153.953	153.332	0.621
11+500	152.853	152.372	0.481
11+550	151.753	151.753	0.000
11+600	150.653	151.291	-0.638
11+650	149.553	149.729	-0.176
11+700	148.453	148.272	0.180
11+750	147.353	146.815	0.538
11+800	146.253	145.358	0.895
11+850	145.153	143.901	1.252
11+900	144.053	142.444	1.609
11+950	142.953	141.341	1.912
12+000	141.853	140.316	2.237
12+050	140.753	140.000	0.753

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

Designer  
Precision House  
McNeil Drive  
Mothenwell  
ML1 4UR



Client  
58 Port Dundas Road  
Glasgow  
G4 0HF



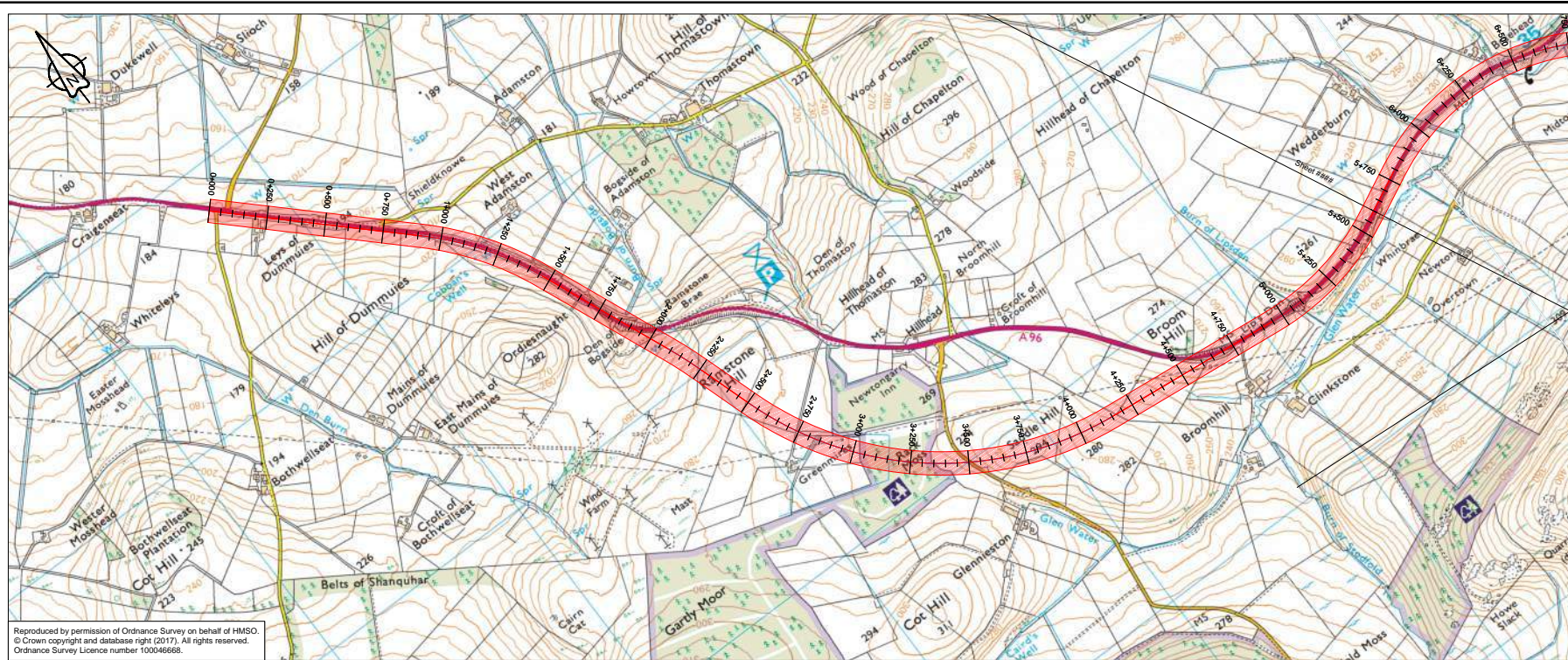
Project Name  
A96 Dualling East of Huntly to  
Aberdeen

Drawing Title  
OLN-003 First Fix Alignment  
Plan and Profile  
Sheet 3 of 3

Project Ref. No. 250002-92	Stage 2	Scale : 1:10000H 1:2000V @ A1 Dimensions : M
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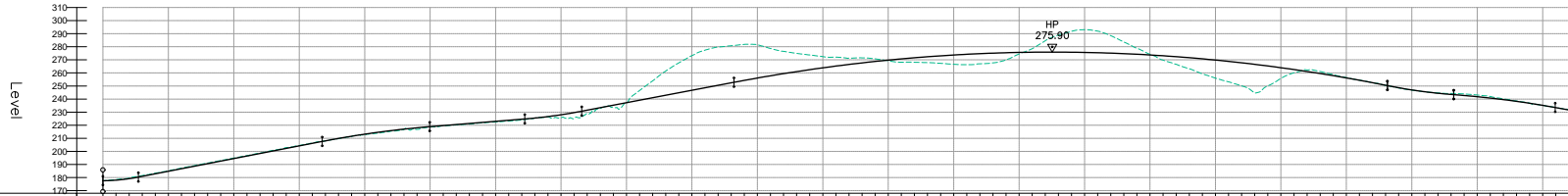
Drawing Number  
Project  
A96PEA - AMAR - HGN -  
CB -DR-CH- 100303  
Location | Type | Role | Number

Suitability	Suitability Description	Revision
S2	Fit For Information	P01



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OLN 004 - LONGSECTION  
SCALE: H 1:10000, V 1:2000. DATUM: 170.000



Proposed Road Level	INFINITY 177.64 178.020 178.143 179.583 180.912 182.862 185.356 187.253 188.672 189.612 190.612 192.552 194.482 196.372 198.222 200.132 202.022 203.912 205.802 207.692 209.582 211.472 213.362 215.252 217.142 219.032 220.922 222.812 224.702 226.592 228.482 230.372 232.262 234.152 236.042 237.932 239.822 241.712 243.602 245.492 247.382 249.272 251.162 253.052 254.942 256.832 258.722 260.612 262.502 264.392 266.282 268.172 270.062 271.952 273.842 275.732 277.622 279.512 281.402 283.292 285.182 287.072 288.962 290.852 292.742 294.632 296.522 298.412 300.302 302.192 304.082 305.972 307.862 309.752 311.642 313.532 315.422 317.312 319.202 321.092 322.982 324.872 326.762 328.652 330.542 332.432 334.322 336.212 338.102 340.000
Existing Ground Level	177.64 178.472 181.570 183.356 187.253 188.672 191.336 192.552 194.482 196.372 198.222 200.132 202.022 203.912 205.802 207.692 209.582 211.472 213.362 215.252 217.142 219.032 220.922 222.812 224.702 226.592 228.482 230.372 232.262 234.152 236.042 237.932 239.822 241.712 243.602 245.492 247.382 249.272 251.162 253.052 254.942 256.832 258.722 260.612 262.502 264.392 266.282 268.172 270.062 271.952 273.842 275.732 277.622 279.512 281.402 283.292 285.182 287.072 288.962 290.852 292.742 294.632 296.522 298.412 300.302 302.192 304.082 305.972 307.862 309.752 311.642 313.532 315.422 317.312 319.202 321.092 322.982 324.872 326.762 328.652 330.542 332.432 334.322 336.212 338.102 340.000
Level Difference	INFINITY -0.455 -0.441 -0.657 -0.330 -0.521 -0.475 -0.522 -0.509 -0.444 -0.350 -0.622 -0.383 -0.389 0.219 0.302 0.327 0.653 0.389 1.260 0.332 0.228 0.273 0.440 0.682 0.522 0.107 0.130 0.389 0.581 1.549 0.364 0.785 -0.126 -0.185 -0.250 -0.133 -0.544 -0.841 -0.306 0.370 2.541 3.430 4.487 5.776 7.328 7.726 5.411 -0.724 -8.739 -13.007 -17.425 -13.353 -8.901 -4.544 -0.457 3.359 8.425 11.450 15.623 17.655 11.520 8.167 2.536 -1.167 -1.548 -0.231 -0.114 0.015 0.151 0.083 -0.300 -0.747 -1.176 -1.295 -0.534 -0.322 -0.135 -0.078 -0.105
Horizontal Alignment	L=916.309 R: 1350.000 L=550.000 L=616.361 R: 2040.000 L=171.245 L=250.000 R: 1440.000 L: 1648.666 R: 1100.000 L=620.000 L=798.118 R: 230.000
Vertical Alignment	G=1:0000.000 L=1000.000 G=3.880% L=702.225 R=18200.000 K=182.000 L=410.356 G=1.528% L=363.570 R=10000.000 K=100.000 L=217.477 G=3.800% L=581.477 R=32000.000 K=320.000 L=2496.251 G=0.999% L=1000.000 R=18199.995 K=182.000 L=387.975 G=3.800% L=408.880
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	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**

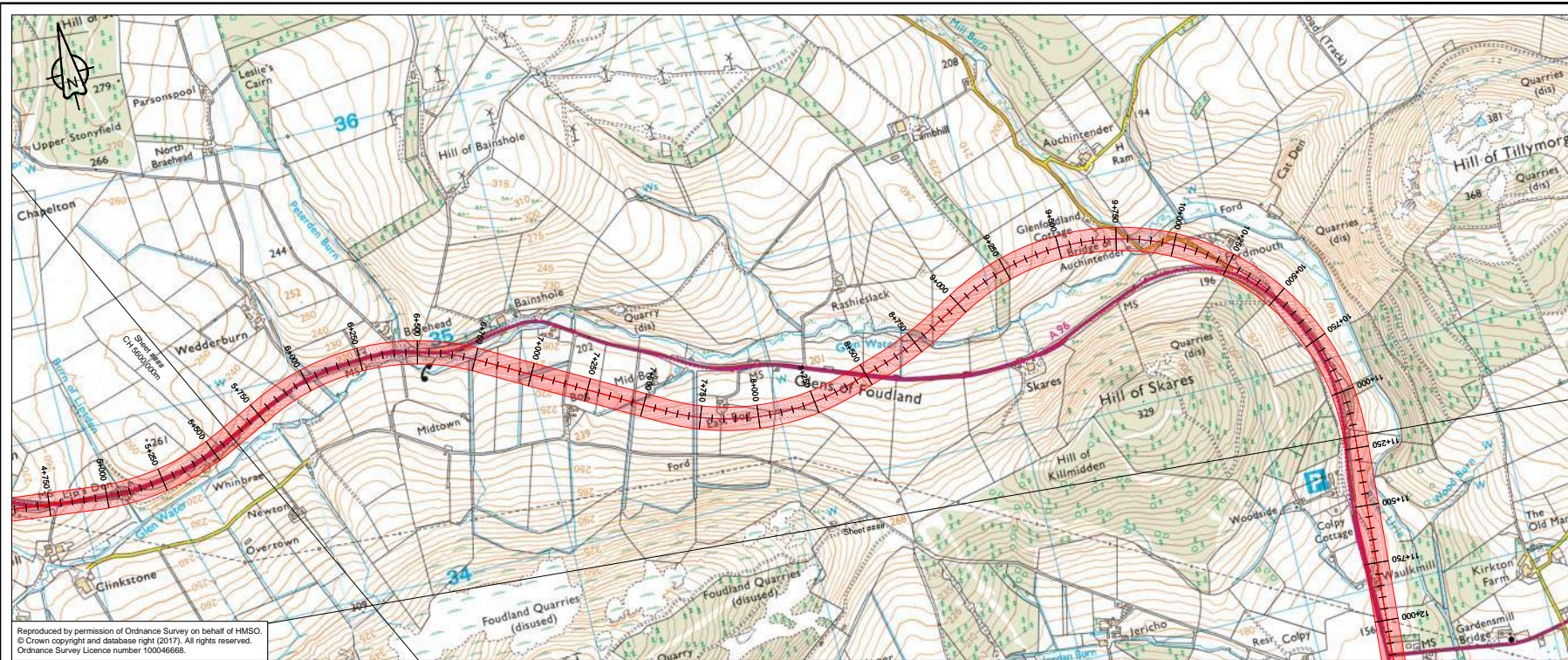
Drawing Title  
**OLN-004 First Fix Alignment Plan and Profile Sheet 1 of 3**

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-	100401	
	Location	Type	Role	Number

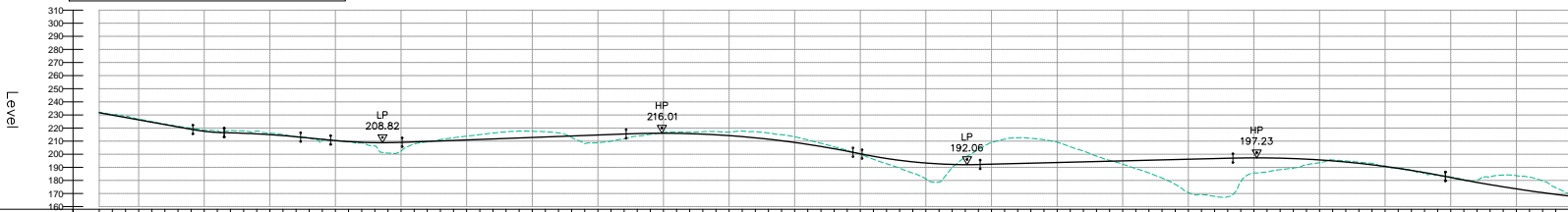
Suitability	Suitability Description	Revision
S2	Fit For Information	P01



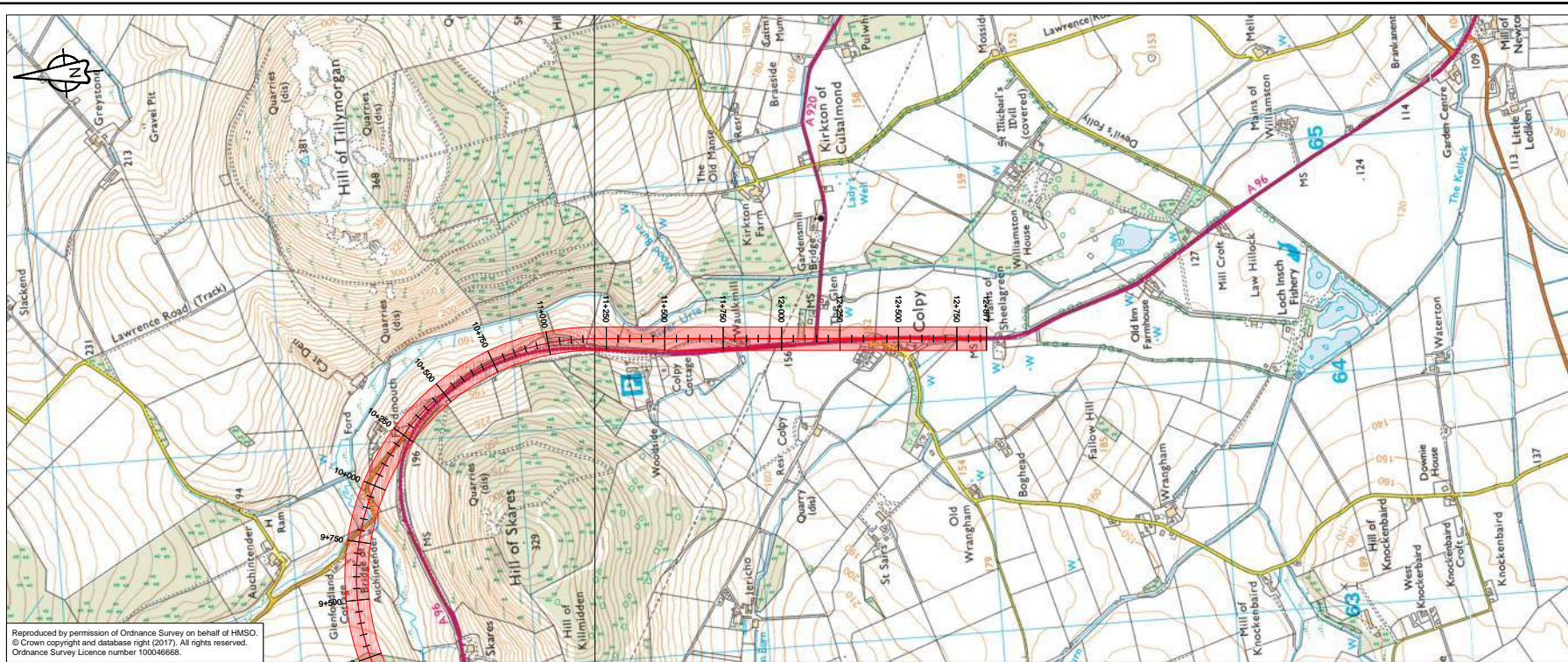


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OLN\_004 - LONGSECTION  
SCALE: H 1:10000,V 1:2000. DATUM: 160.000

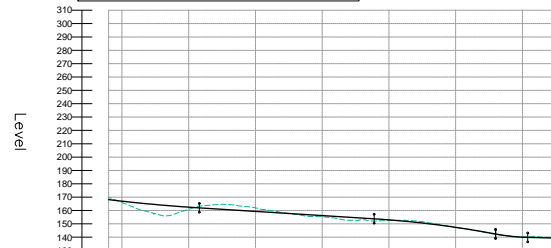


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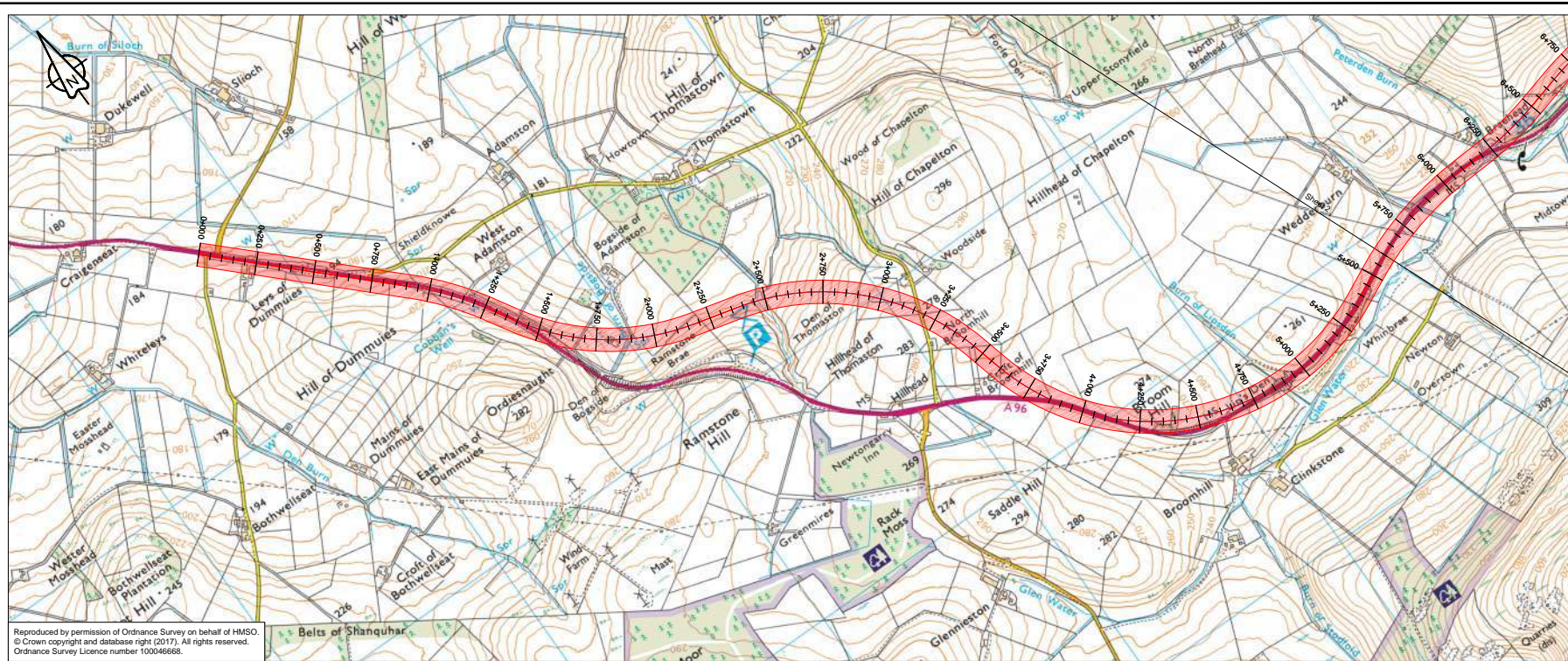


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OLN\_004 - LONGSECTION  
SCALE: H 1:10000,V 1:2000. DATUM: 130.000

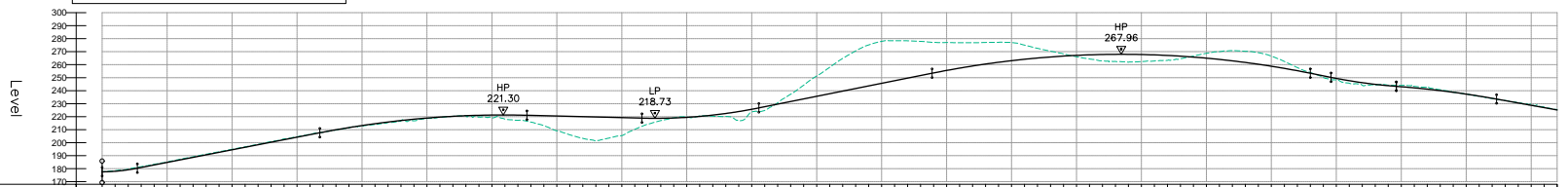


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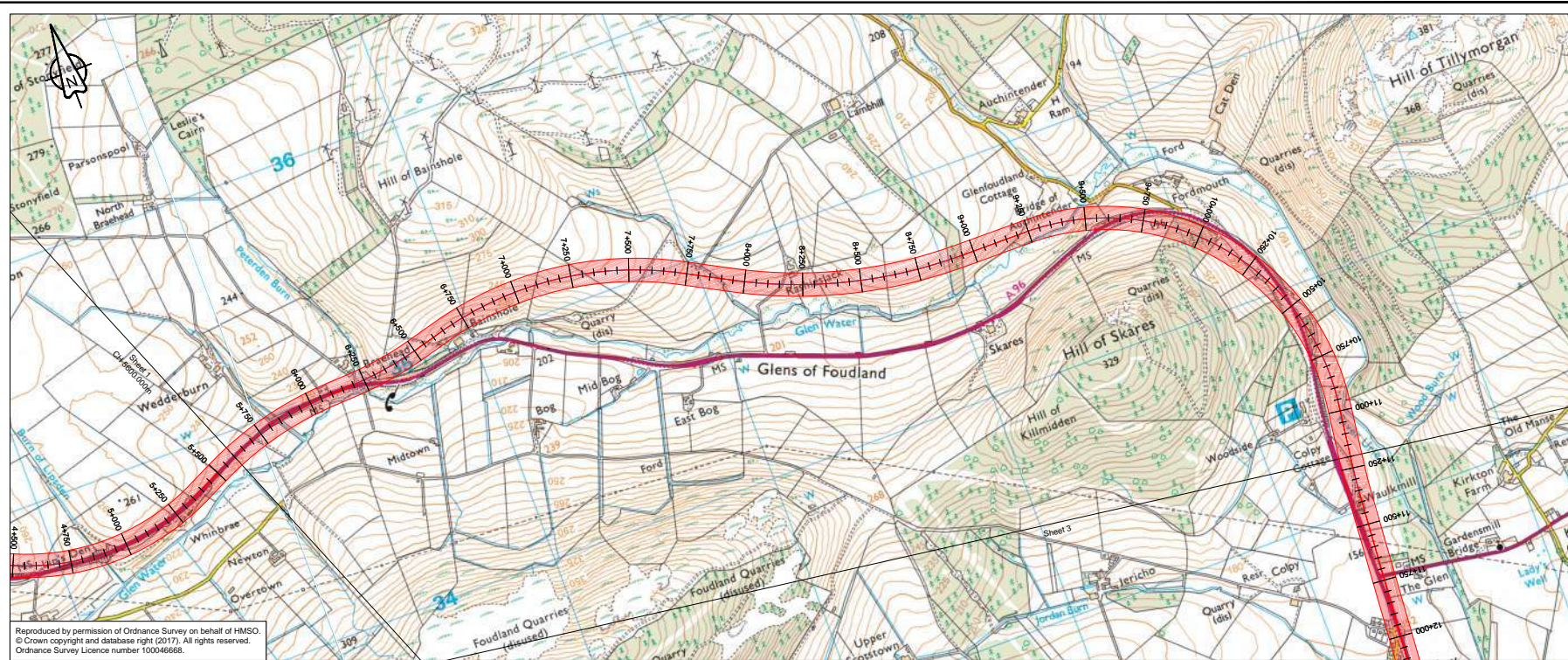
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OLN\_005 - LONGSECTION  
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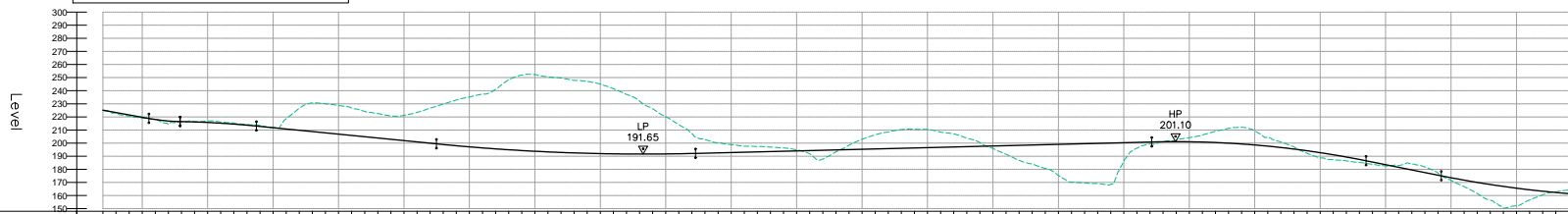
Proposed Road Level	INFINITY 177.64 178.020 178.475 178.143 179.583 180.912 181.570 182.862 183.383 184.252 185.215 186.732 188.672 189.614 191.138 192.552 193.967 195.381 196.796 198.210 199.625 201.039 202.454 203.868 205.283 206.697 208.111 209.526 210.940 212.354 213.769 215.183 216.598 218.012 219.426 220.841 222.255 223.669 225.084 226.498 227.912 229.327 230.741 232.155 233.569 234.984 236.398 237.812 239.227 240.641 242.055 243.470 244.884 246.298 247.712 249.127 250.541 251.955 253.369 254.784 256.198 257.612 259.026 260.440 261.855 263.269 264.683 266.097 267.512 268.926 270.340 271.754 273.168 274.583 275.997 277.411 278.825 280.239 281.653 283.067 284.481 285.895 287.309 288.723 290.137 291.551 292.965 294.379 295.793 297.207 298.621 300.035 301.449 302.863 304.277 305.691 307.105 308.519 309.933 311.347 312.761 314.175 315.589 317.003 318.417 319.831 321.245 322.659 324.073 325.487 326.901 328.315 329.729 331.143 332.557 333.971 335.385 336.799 338.213 339.627 341.041 342.455 343.869 345.283 346.697 348.111 349.525 350.939 352.353 353.767 355.181 356.595 358.009 359.423 360.837 362.251 363.665 365.079 366.493 367.907 369.321 370.735 372.149 373.563 374.977 376.391 377.805 379.219 380.633 382.047 383.461 384.875 386.289 387.703 389.117 390.531 391.945 393.359 394.773 396.187 397.601 399.015 400.429 401.843 403.257 404.671 406.085 407.499 408.913 410.327 411.741 413.155 414.569 415.983 417.397 418.811 420.225 421.639 423.053 424.467 425.881 427.295 428.709 430.123 431.537 432.951 434.365 435.779 437.193 438.607 440.021 441.435 442.849 444.263 445.677 447.091 448.505 449.919 451.333 452.747 454.161 455.575 456.989 458.403 459.817 461.231 462.645 464.059 465.473 466.887 468.301 469.715 471.129 472.543 473.957 475.371 476.785 478.199 479.613 481.027 482.441 483.855 485.269 486.683 488.097 489.511 490.925 492.339 493.753 495.167 496.581 497.995 499.409 500.823 502.237 503.651 505.065 506.479 507.893 509.307 510.721 512.135 513.549 514.963 516.377 517.791 519.205 520.619 522.033 523.447 524.861 526.275 527.689 529.103 530.517 531.931 533.345 534.759 536.173 537.587 539.001 540.415 541.829 543.243 544.657 546.071 547.485 548.899 550.313 551.727 553.141 554.555 555.969 557.383 558.797 560.211 561.625 563.039 564.453 565.867 567.281 568.695 570.109 571.523 572.937 574.351 575.765 577.179 578.593 580.007 581.421 582.835 584.249 585.663 587.077 588.491 589.905 591.319 592.733 594.147 595.561 596.975 598.389 599.803 601.217 602.631 604.045 605.459 606.873 608.287 609.701 611.115 612.529 613.943 615.357 616.771 618.185 619.599 621.013 622.427 623.841 625.255 626.669 628.083 629.497 630.911 632.325 633.739 635.153 636.567 637.981 639.395 640.809 642.223 643.637 645.051 646.465 647.879 649.293 650.707 652.121 653.535 654.949 656.363 657.777 659.191 660.605 662.019 663.433 664.847 666.261 667.675 669.089 670.503 671.917 673.331 674.745 676.159 677.573 678.987 680.401 681.815 683.229 684.643 686.057 687.471 688.885 690.299 691.713 693.127 694.541 695.955 697.369 698.783 700.197 701.611 703.025 704.439 705.853 707.267 708.681 710.095 711.509 712.923 714.337 715.751 717.165 718.579 720.000 721.414 722.828 724.242 725.656 727.070 728.484 729.898 731.312 732.726 734.140 735.554 736.968 738.382 739.796 741.210 742.624 744.038 745.452 746.866 748.280 749.694 751.108 752.522 753.936 755.350 756.764 758.178 759.592 761.006 762.420 763.834 765.248 766.662 768.076 769.490 770.904 772.318 773.732 775.146 776.560 777.974 779.388 780.802 782.216 783.630 785.044 786.458 787.872 789.286 790.700 792.114 793.528 794.942 796.356 797.770 799.184 800.598 802.012 803.426 804.840 806.254 807.668 809.082 810.496 811.910 813.324 814.738 816.152 817.566 818.980 820.394 821.808 823.222 824.636 826.050 827.464 828.878 830.292 831.706 833.120 834.534 835.948 837.362 838.776 840.190 841.604 843.018 844.432 845.846 847.260 848.674 850.088 851.502 852.916 854.330 855.744 857.158 858.572 860.000 861.414 862.828 864.242 865.656 867.070 868.484 869.898 871.312 872.726 874.140 875.554 876.968 878.382 879.796 881.210 882.624 884.038 885.452 886.866 888.280 889.694 891.108 892.522 893.936 895.350 896.764 898.178 899.592 901.006 902.420 903.834 905.248 906.662 908.076 909.490 910.904 912.318 913.732 915.146 916.560 917.974 919.388 920.802 922.216 923.630 925.044 926.458 927.872 929.286 930.700 932.114 933.528 934.942 936.356 937.770 939.184 940.598 942.012 943.426 944.840 946.254 947.668 949.082 950.496 951.910 953.324 954.738 956.152 957.566 958.980 960.394 961.808 963.222 964.636 966.050 967.464 968.878 970.292 971.706 973.120 974.534 975.948 977.362 978.776 980.190 981.604 983.018 984.432 985.846 987.260 988.674 990.088 991.502 992.916 994.330 995.744 997.158 998.572 1000.000
Existing Ground Level	177.64 178.020 178.475 178.143 179.583 180.912 181.570 182.862 183.383 184.252 185.215 186.732 188.672 189.614 191.138 192.552 193.967 195.381 196.796 198.210 199.625 201.039 202.454 203.868 205.283 206.697 208.111 209.526 210.940 212.354 213.769 215.183 216.598 218.012 219.426 220.841 222.255 223.669 225.084 226.498 227.912 229.327 230.741 232.155 233.569 234.984 236.398 237.812 239.227 240.641 242.055 243.470 244.884 246.298 247.712 249.127 250.541 251.955 253.369 254.784 256.198 257.612 259.026 260.440 261.855 263.269 264.683 266.097 267.512 268.926 270.340 271.754 273.168 274.583 275.997 277.411 278.825 280.239 281.653 283.067 284.481 285.895 287.309 288.723 290.137 291.551 292.965 294.379 295.793 297.207 298.621 300.035 301.449 302.863 304.277 305.691 307.105 308.519 309.933 311.347 312.761 314.175 315.589 317.003 318.417 319.831 321.245 322.659 324.073 325.487 326.901 328.315 329.729 331.143 332.557 333.971 335.385 336.799 338.213 339.627 341.041 342.455 343.869 345.283 346.697 348.111 349.525 350.939 352.353 353.767 355.181 356.595 358.009 359.423 360.837 362.251 363.665 365.079 366.493 367.907 369.321 370.735 372.149 373.563 374.977 376.391 377.805 379.219 380.633 382.047 383.461 384.875 386.289 387.703 389.117 390.531 391.945 393.359 394.773 396.187 397.601 399.015 400.429 401.843 403.257 404.671 406.085 407.499 408.913 410.327 411.741 413.155 414.569 415.983 417.397 418.811 420.225 421.639 423.053 424.467 425.881 427.295 428.709 430.123 431.537 432.951 434.365 435.779 437.193 438.607 440.021 441.435 442.849 444.263 445.677 447.091 448.505 449.919 451.333 452.747 454.161 455.575 456.989 458.403 459.817 461.231 462.645 464.059 465.473 466.887 468.301 469.715 471.129 472.543 473.957 475.371 476.785 478.199 479.613 481.027 482.441 483.855 485.269 486.683 488.097 489.511 490.925 492.339 493.753 495.167 496.581 497.995 499.409 500.823 502.237 503.651 505.065 506.479 507.893 509.307 510.721 512.135 513.549 514.963 516.377 517.791 519.205 520.619 522.033 523.447 524.861 526.275 527.689 529.103 530.517 531.931 533.345 534.759 536.173 537.587 539.001 540.415 541.829 543.243 544.657 546.071 547.485 548.899 550.313 551.727 553.141 554.555 555.969 557.383 558.797 560.211 561.625 563.039 564.453 565.867 567.281 568.695 570.109 571.523 572.937 574.351 575.765 577.179 578.593 580.007 581.421 582.835 584.249 585.663 587.077 588.491 589.905 591.319 592.733 594.147 595.561 596.975 598.389 599.803 601.217 602.631 604.045 605.459 606.873 608.287 609.701 611.115 612.529 613.943 615.357 616.771 618.185 619.599 621.013 622.427 623.841 625.255 626.669 628.083 629.497 630.911 632.325 633.739 635.153 636.567 637.981 639.395 640.809 642.223 643.637 645.051 646.465 647.879 649.293 650.707 652.121 653.535 654.949 656.363 657.777 659.191 660.605 662.019 663.433 664.847 666.261 667.675 669.089 670.503 671.917 673.331 674.745 676.159 677.573 678.987 680.401 681.815 683.229 684.643 686.057 687.471 688.885 690.299 691.713 693.127 694.541 695.955 697.369 698.783 700.197 701.611 703.025 704.439 705.853 707.267 708.681 710.095 711.509 712.923 714.337 715.751 717.165 718.579 720.000 721.414 722.828 724.242 725.656 727.070 728.484 729.898 731.312 732.726 734.140 735.554 736.968 738.382 739.796 741.210 742.624 744.038 745.452 746.866 748.280 749.694 751.108 752.522 753.936 755.350 756.764 758.178 759.592 761.006 762.420 763.834 765.244 766.658 768.072 769.486 770.900 772.314 773.728 775.142 776.556 777.970 779.384 780.798 782.212 783.626 785.040 786.454 787.868 789.282 790.696 792.110 793.524 794.938 796.352 797.766 799.180 800.594 802.008 803.422 804.836 806.250 807.664 809.078 810.492 811.906 813.320 814.734 816.148 817.562 818.976 820.390 821.804 823.218 824.632 826.046 827.460 828.874 830.288 831.702 833.116 834.530 835.944 837.358 838.772 840.186 841.600 843.014 844.428 845.842 847.256 848.670 850.084 851.498 852.912 854.326 855.740 857.154 858.568 860.000
Level Difference	INFINITY -0.455 -0.441 -0.657 -0.530 -0.521 -0.475 -0.522 -0.509 -0.484 -0.350 -0.515 -0.622 -0.383 -0.389 0.219 0.302 0.653 0.389 1.260 0.332 0.041 0.182 2.113 3.249 5.140 7.986 14.196 18.338 15.880 8.886 4.480 1.787 -0.059 -0.341 0.885 2.274 2.058 2.786 -4.866 -10.621 -15.639 -20.259 -25.142 -29.208 -32.294 -30.725 -28.721 -26.280 -23.474 -19.569 -17.916 -16.610 -15.357 -10.859 -7.465 -4.465 -1.657 1.052 4.732 6.016 4.773 1.977 -3.682 -5.989 -7.797 -2.406 -0.951 1.170 1.966 0.485 -0.357 -1.130 -1.399 -0.684 -0.045 -0.116 0.137 -0.113 -0.159 -0.949 -0.457
Horizontal Alignment	L=916.309 R: 1350.000 L: 350.000 L=120.000 R: 1020.000 L: 789.820 L=200.000 R: 1020.000 L: 1085.872 L=120.000 R: 1020.000 L: 1802.033 R: 1440.000 L: 1200.000
Vertical Alignment	G=3.8800% L=702.225 R=18200.000 K=100.000 L=797.160 G=-0.500% L=442.542 R=10000.000 K=450.000 G=4.000% L=686.812 R=18200.000 K=1456.000 G=-0.000% L=73.332 R=10000.000 K=251.755 G=3.600% L=408.880 R=18199.995 K=182.000 L=385.399
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	Revision details				
	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				



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OLN\_005 - LONGSECTION  
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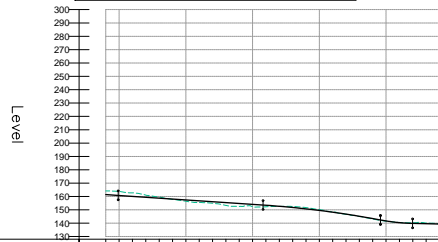


Proposed Road Level	225.135- 223.335 221.535 219.735 217.935 216.135 214.335 212.535 210.735 208.935 207.135 205.335 203.535 201.735 199.935 198.135 196.335 194.535 192.735 190.935 189.135 187.335 185.535 183.735 181.935 180.135 178.335 176.535 174.735 172.935 171.135 169.335 167.535 165.735 163.935 162.135 160.335 158.535 156.735 154.935 153.135 151.335 149.535 147.735 145.935 144.135 142.335 140.535 138.735 136.935 135.135 133.335 131.535 129.735 127.935 126.135 124.335 122.535 120.735 118.935 117.135 115.335 113.535 111.735 109.935 108.135 106.335 104.535 102.735 100.935 99.135 97.335 95.535 93.735 91.935 90.135 88.335 86.535 84.735 82.935 81.135 79.335 77.535 75.735 73.935 72.135 70.335 68.535 66.735 64.935 63.135 61.335 59.535 57.735 55.935 54.135 52.335 50.535 48.735 46.935 45.135 43.335 41.535 39.735 37.935 36.135 34.335 32.535 30.735 28.935 27.135 25.335 23.535 21.735 19.935 18.135 16.335 14.535 12.735 10.935 9.135 7.335 5.535 3.735 1.935 0.135
Existing Ground Level	225.265 223.012 220.837 218.741 216.724 214.786 212.927 211.145 209.429 207.778 206.192 204.671 203.215 201.824 199.498 197.236 195.038 192.904 190.835 188.831 186.892 184.918 182.910 180.868 178.793 176.685 174.545 172.373 170.169 167.933 165.664 163.362 161.028 158.660 156.259 153.825 151.358 148.857 146.327 143.767 141.177 138.557 135.907 133.227 130.517 127.777 125.007 122.207 119.377 116.517 113.627 110.707 107.757 104.777 101.767 98.727 95.657 92.557 89.427 86.267 83.077 79.857 76.607 73.327 70.017 66.677 63.307 59.907 56.477 53.017 49.527 46.007 42.457 38.887 35.287 31.657 28.007 24.337 20.647 16.937 13.207 9.457 5.697 1.927 -1.857 -5.667 -9.457 -13.227 -16.977 -20.707 -24.417 -28.107 -31.777 -35.427 -39.057 -42.667 -46.257 -49.827 -53.377 -56.907 -60.417 -63.907 -67.377 -70.827 -74.257 -77.667 -81.057 -84.427 -87.777 -91.107 -94.417 -97.707 -100.977 -104.227 -107.457 -110.667 -113.857 -117.027 -120.177 -123.307 -126.417 -129.507 -132.577 -135.627 -138.657 -141.667 -144.657 -147.627 -150.577 -153.507 -156.417 -159.307 -162.177 -165.027 -167.857 -170.667 -173.457 -176.227 -178.977 -181.707 -184.417 -187.107 -189.777 -192.427 -195.057 -197.667 -200.257 -202.827 -205.377 -207.907 -210.417 -212.907 -215.377 -217.827 -220.257 -222.667 -225.057 -227.427 -229.777 -232.107 -234.417 -236.707 -238.977 -241.227 -243.457 -245.667 -247.857 -250.027 -252.177 -254.307 -256.417 -258.507 -260.577 -262.627 -264.657 -266.667 -268.657 -270.627 -272.577 -274.507 -276.417 -278.307 -280.177 -282.027 -283.857 -285.667 -287.457 -289.227 -290.977 -292.707 -294.417 -296.107 -297.777 -299.427 -301.057 -302.667 -304.257 -305.827 -307.377 -308.907 -310.417 -311.907 -313.377 -314.827 -316.257 -317.667 -319.057 -320.427 -321.777 -323.107 -324.417 -325.707 -326.977 -328.227 -329.457 -330.667 -331.857 -333.027 -334.177 -335.307 -336.417 -337.507 -338.577 -339.627 -340.657 -341.667 -342.657 -343.627 -344.577 -345.507 -346.417 -347.307 -348.177 -349.027 -349.857 -350.667 -351.457 -352.227 -352.977 -353.707 -354.417 -355.107 -355.777 -356.427 -357.057 -357.667 -358.257 -358.827 -359.377 -359.907 -360.417 -360.907 -361.377 -361.827 -362.257 -362.667 -363.057 -363.427 -363.777 -364.107 -364.417 -364.707 -364.977 -365.227 -365.457 -365.667 -365.857 -366.027 -366.177 -366.307 -366.417 -366.507 -366.577 -366.627 -366.657 -366.667 -366.657 -366.627 -366.577 -366.507 -366.417 -366.307 -366.177 -366.027 -365.857 -365.667 -365.457 -365.227 -364.977 -364.707 -364.417 -364.107 -363.777 -363.427 -363.057 -362.667 -362.257 -361.827 -361.377 -360.907 -360.417 -359.907 -359.377 -358.827 -358.257 -357.667 -357.057 -356.427 -355.777 -355.107 -354.417 -353.707 -352.977 -352.227 -351.457 -350.667 -349.857 -349.027 -348.177 -347.307 -346.417 -345.507 -344.577 -343.627 -342.657 -341.667 -340.657 -339.627 -338.577 -337.507 -336.417 -335.307 -334.177 -333.027 -331.857 -330.667 -329.457 -328.227 -326.977 -325.707 -324.417 -323.107 -321.777 -320.427 -319.057 -317.667 -316.257 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-18.507 -14.827 -11.177 -7.507 -3.827 -0.177 3.507 7.177 10.827 14.457 18.057 21.627 25.177 28.707 32.227 35.727 39.207 42.657 46.077 49.457 52.807 56.127 59.417 62.667 65.887 69.077 72.227 75.347 78.427 81.467 84.467 87.427 90.357 93.257 96.127 98.967 101.767 104.527 107.257 109.957 112.627 115.257 117.857 120.427 122.957 125.507 128.027 130.527 133.007 135.457 137.877 140.267 142.627 144.957 147.257 149.527 151.767 153.977 156.157 158.307 160.427 162.507 164.557 166.577 168.567 170.527 172.457 174.357 176.227 178.067 179.867 181.627 183.357 185.057 186.727 188.367 189.967 191.527 193.057 194.557 196.027 197.457 198.857 200.227 201.567 202.867 204.127 205.357 206.557 207.727 208.867 210.007 211.107 212.167 213.197 214.197 215.167 216.107 217.017 217.897 218.747 219.567 220.357 221.117 221.847 222.537 223.197 223.827 224.417 224.917 225.337 225.667 225.917 226.087 226.177 226.187 226.117 225.957 225.707 225.367 224.937 224.417 223.817 223.137 222.387 221.567 220.687 219.747 218.747 217.687 216.567 215.387 214.147 212.847 211.487 210.067 208.587 207.047 205.447 203.787 202.067 200.287 198.447 196.547 194.587 192.567 190.487 188.347 186.147 183.887 181.567 179.187 176.747 174.247 171.687 169.067 166.387 163.647 160.847 157.987 155.067 152.087 149.047 145.947 142.787 139.567 136.287 132.947 129.547 126.087 122.567 119.007 115.397 111.747 108.057 104.327 100.557 96.747 92.897 89.007 85.077 81.107 77.097 73.047 68.957 64.827 60.657 56.447 52.147 47.757 43.287 38.727 34.087 29.367 24.567 19.687 14.727 9.687 4.467 -0.017 -5.317 -10.527 -15.647 -20.667 -25.587 -30.417 -35.147 -39.777 -44.307 -48.727 -53.047 -57.257 -61.367 -65.367 -69.257 -73.027 -76.667 -80.187 -83.587 -86.877 -90.057 -93.127 -96.087 -98.937 -101.667 -104.277 -106.777 -109.167 -111.447 -113.617 -115.677 -117.627 -119.467 -121.197 -122.817 -124.327 -125.727 -127.017 -128.197 -129.267 -130.227 -131.077 -131.817 -132.447 -132.967 -133.477 -133.977 -134.467 -134.947 -135.417 -135.867 -136.307 -136.727 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Level Difference	-0.128 0.066 0.088 -0.179 0.273 0.269 -1.168 -0.881 -0.704 -0.767 -0.055 -7.882 -16.803 -21.532 -21.933 -20.942 -19.316 -18.652 -17.894 -17.067 -16.178 -15.232 -14.233 -13.184 -12.087 -10.942 -9.748 -8.497 -7.197 -5.847 -4.447 -2.997 -1.497 0.057 1.557 3.007 4.407 5.757 7.057 8.307 9.557 10.807 12.057 13.307 14.557 15.807 17.057 18.307 19.557 20.807 22.057 23.307 24.557 25.807 27.057 28.307 29.557 30.807 32.057 33.307 34.557 35.807 37.057 38.307 39.557 40.807 42.057 43.307 44.557 45.807 47.057 48.307 49.557 50.807 52.057 53.307 54.557 55.807 57.057 58.307 59.557 60.807 62.057 63.307 64.557 65.807 67.057 68.307 69.557 70.807 72.057 73.307 74.557 75.807 77.057 78.307 79.557 80.807 82.057 83.307 84.557 85.807 87.057 88.307 89.557 90.807 92.057 93.307 94.557 95.807 97.057 98.307 99.557 100.807 102.057 103.307 104.557 105.807 107.057 108.307 109.557 110.807 112.057 113.307 114.557 115.807 117.057 118.307 119.557 120.807 122.057 123.307 124.557 125.807 127.057 128.307 129.557 130.807 132.057 133.307 134.557 135.807 137.057 138.307 139.557 140.807 142.057 143.307 144.557 145.807 147.057 148.307 149.557 150.807 152.057 153.307 154.557 155.807 157.057 158.307 159.557 160.807 162.057 163.307 164.557 165.807 167.057 168.307 169.557 170.807 172.057 173.307 174.557 175.807 177.057 178.307 179.557 180.807 182.057 183.307 184.557 185.807 187.057 188.307 189.557 190.807 192.057 193.307 194.557 195.807 197.057 198.307 199.557 200.807 202.057 203.307 204.557 205.807 207.057 208.307 209.557 210.807 212.057 213.307 214.557 215.807 217.057 218.307 219.557 220.807 222.057 223.307 224.557 225.807 227.057 228.307 229.557 230.807 232.057 233.307 234.557 235.807 237.057 238.307 239.557 240.807 242.057 243.307 244.557 245.807 247.057 248.307 249.557 250.807 252.057 253.307 254.557 255.807 257.057 258.307 259.557 260.807 262.057 263.307 264.557 265.807 267.057 268.307 269.557 270.807 272.057 273.307 274.557 275.807 277.057 278.307 279.557 280.807 282.057 283.307 284.557 285.807 287.057 288.307 289.557 290.807 292.057 293.307 294.557 295.807 297.057 298.307 299.557 300.807 302.057 303.307 304.557 305.807 307.057 308.307 309.557 310.807 312.057 313.307 314.557 315.807 317.057 318.307 319.557 320.807 322.057 323.307 324.557 325.807 327.057 328.307 329.557 330.807 332.057 333.307 334.557 335.807 337.057 338.307 339.557 340.807 342.057 343.307 344.557 345.807 347.057 348.307 349.557 350.807 352.057 353.307 354.557 355.807 357.057 358.307 359.557 360.807 362.057 363.307 364.557 365.807 367.057 368.307 369.557 370.807 372.057 373.307 374.557 375.807 377.057 378.307 379.557 380.807 382.057 383.307 384.557 385.807 387.057 388.307 389.557 390.807 392.057 393.307 394.557 395.807 397.057 398.307 399.557 400.807 402.057 403.307 404.557 405.807 407.057 408.307 409.557 410.807 412.057 413.307 414.557 415.807 417.057 418.307 419.557 420.807 422.057 423.307 424.557 425.807 427.057 428.307 429.557 430.807 432.057 433.307 434.557 435.807 437.057 438.307 439.557 440.807 442.057 443.307 444.557 445.807 447.057 448.307 449.557 450.807 452.057 453.307 454.557 455.807 457.057 458.307 459.557 460.807 462.057 463.307 464.557 465.807 467.057 468.307 469.557 470.807 472.057 473.307 474.557 475.807 477.057 478.307 479.557 480.807 482.057 483.307 484.557 485.807 487.057 488.307 489.557 490.807 492.057 493.307 494.557 495.807 49



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OLN\_005 - LONGSECTION  
SCALE: H 1:10000, V 1:2000. DATUM: 130.000



Proposed Road Level	161.497 160.796 160.100 159.434 158.768 158.102 157.436 156.769 156.103 155.437 154.770 154.104 153.438 152.771 152.105 151.439 150.773 150.107 149.441 148.775 148.109 147.443 146.777 146.111 145.445 144.779 144.113 143.447 142.781 142.115 141.449 140.783 140.117 139.451 138.785 138.119 137.453 136.787 136.121 135.455 134.789 134.123 133.457 132.791 132.125 131.459 130.793 130.127 129.461 128.795 128.129 127.463 126.797 126.131 125.465 124.799 124.133 123.467 122.801 122.135 121.469 120.803 120.137 119.471 118.805 118.139 117.473 116.807 116.141 115.475 114.809 114.143 113.477 112.811 112.145 111.479 110.813 110.147 109.481 108.815 108.149 107.483 106.817 106.151 105.485 104.819 104.153 103.487 102.821 102.155 101.489 100.823 100.157 99.491 98.825 98.159 97.493 96.827 96.161 95.495 94.829 94.163 93.497 92.831 92.165 91.499 90.833 90.167 89.501 88.835 88.169 87.503 86.837 86.171 85.505 84.839 84.173 83.507 82.841 82.175 81.509 80.843 80.177 79.511 78.845 78.179 77.513 76.847 76.181 75.515 74.849 74.183 73.517 72.851 72.185 71.519 70.853 70.187 69.521 68.855 68.189 67.523 66.857 66.191 65.525 64.859 64.193 63.527 62.861 62.195 61.529 60.863 60.197 59.531 58.865 58.199 57.533 56.867 56.201 55.535 54.869 54.203 53.537 52.871 52.205 51.539 50.873 50.207 49.541 48.875 48.209 47.543 46.877 46.211 45.545 44.879 44.213 43.547 42.881 42.215 41.549 40.883 40.217 39.551 38.885 38.219 37.553 36.887 36.221 35.555 34.889 34.223 33.557 32.891 32.225 31.559 30.893 30.227 29.561 28.895 28.229 27.563 26.897 26.231 25.565 24.899 24.233 23.567 22.901 22.235 21.569 20.903 20.237 19.571 18.905 18.239 17.573 16.907 16.241 15.575 14.909 14.243 13.577 12.911 12.245 11.579 10.913 10.247 9.581 8.915 8.249 7.583 6.917 6.251 5.585 4.919 4.253 3.587 2.921 2.255 1.589 0.923 0.257 -0.409 -1.073 -1.737 -2.401 -3.065 -3.729 -4.393 -5.057 -5.721 -6.385 -7.049 -7.713 -8.377 -9.041 -9.705 -10.369 -11.033 -11.697 -12.361 -13.025 -13.689 -14.353 -15.017 -15.681 -16.345 -17.009 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Horizontal Alignment	R=2040.000 L=290.000 L=1087.653
Vertical Alignment	R=20000.000 K=2000.000 L=633.307 G=-1.332% L=542.876 R=18200.000 K=182.000 L=439.896 G=0.504% L=359.979 L=108.869
Chainage	114200 114300 114400 114500 114600 114700 114800 114900 115000 115100 115200 115300 115400 115500 115600 115700 115800 115900 116000 116100 116200 116300 116400 116500 116600 116700 116800 116900 117000 117100 117200 117300 117400 117500 117600 117700 117800 117900 118000 118100 118200 118300 118400 118500 118600 118700 118800 118900 119000 119100 119200 119300 119400 119500 119600 119700 119800 119900 120000 120100 120200 120300 120400 120500 120600 120700 120800 120900 121000 121100 121200 121300 121400 121500 121600 121700 121800 121900 122000 122100 122200 122300 122400 122500 122600 122700 122800 122900 123000 123100 123200 123300 123400 123500 123600 123700 123800 123900

