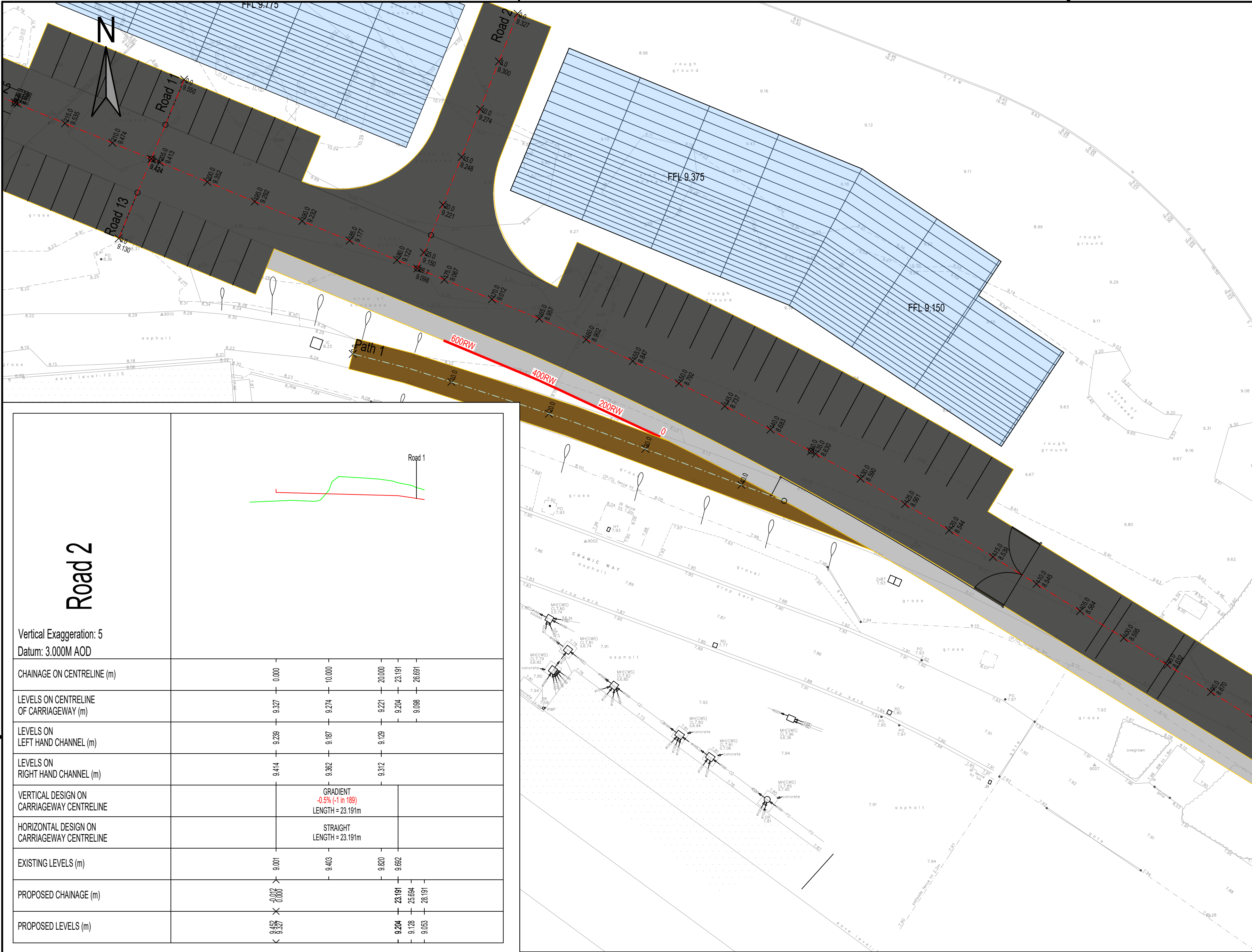
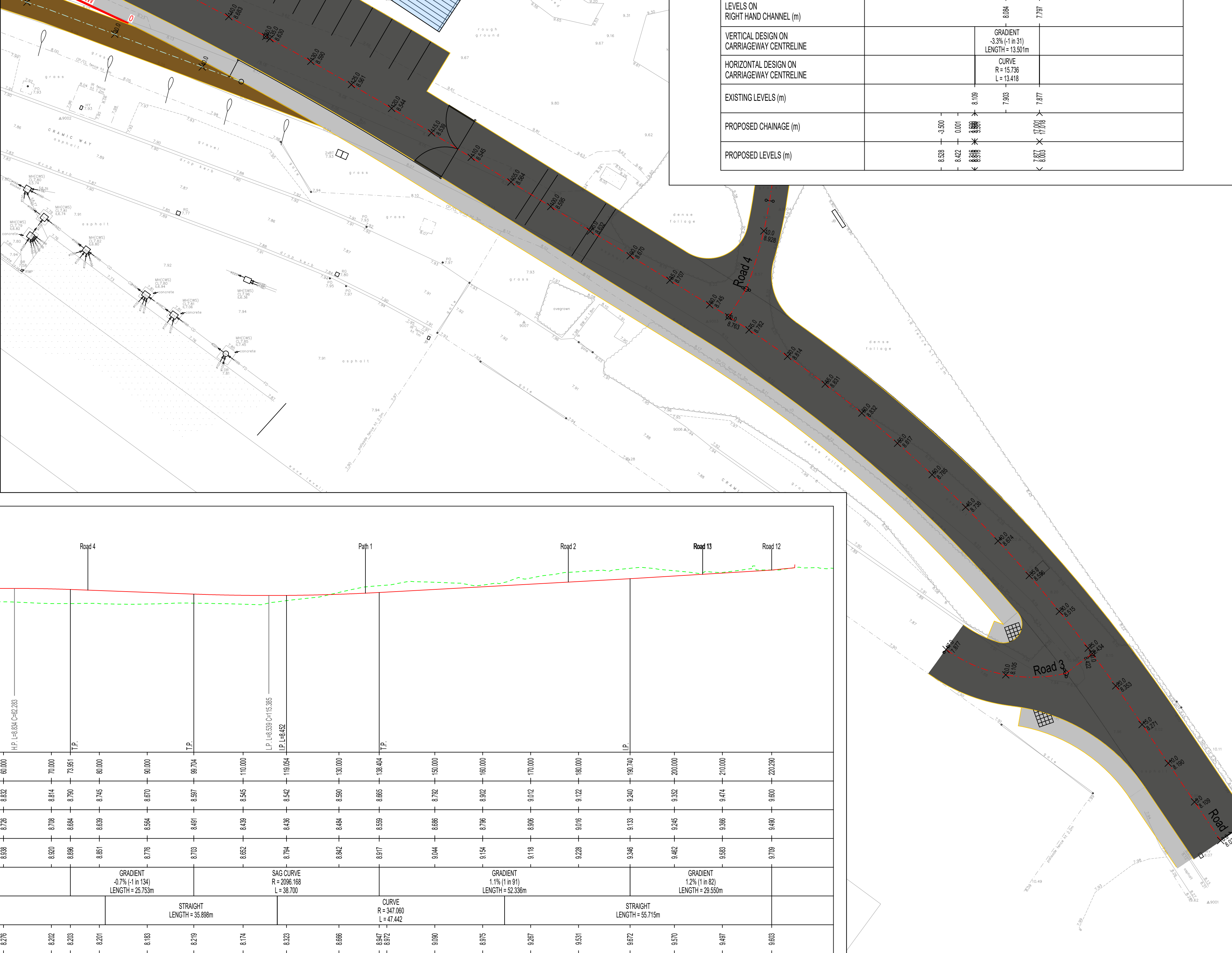




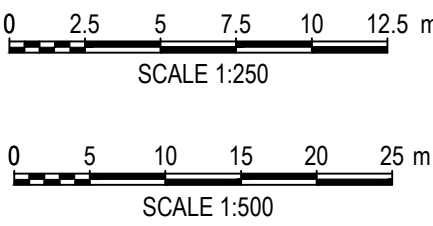
Road 2	
Vertical Exaggeration: 5 Datum: 3.000M AOD	
CHAINAGE ON CENTRELINE (m)	0.000 10.000 20.000 23.191 26.691
LEVELS ON CENTRELINE OF CARRIAGEWAY (m)	9.327 9.374 9.422 9.469 9.516
LEVELS ON LEFT HAND CHANNEL (m)	9.226 9.187 9.129 9.062
LEVELS ON RIGHT HAND CHANNEL (m)	9.414 9.362 9.312 9.260
VERTICAL DESIGN ON CARRIAGEWAY CENTRELINE	GRADIENT -0.5% (-1 in 199) LENGTH = 23.191m
HORIZONTAL DESIGN ON CARRIAGEWAY CENTRELINE	STRAIGHT LENGTH = 23.191m
EXISTING LEVELS (m)	9.001 9.403 9.820 9.862
PROPOSED CHAINAGE (m)	0.000 23.191 26.691
PROPOSED LEVELS (m)	9.327 9.374 9.422 9.469 9.516



Road 1	
Vertical Exaggeration: 5 Datum: 2.000M AOD	
CHAINAGE ON CENTRELINE (m)	0.000 10.000 20.000 30.000 40.000 50.000 60.000 70.000 80.000 90.000 100.000 110.000 120.000 130.000 140.000 150.000 160.000 170.000 180.000 190.000 200.000 210.000 220.000
LEVELS ON CENTRELINE OF CARRIAGEWAY (m)	9.327 9.374 9.422 9.469 9.516 9.563 9.610 9.657 9.704 9.751 9.798 9.845 9.892 9.939 9.986 10.033 10.080 10.127 10.174 10.221 10.268 10.315
LEVELS ON LEFT HAND CHANNEL (m)	9.226 9.187 9.129 9.062 8.995 8.928 8.861 8.794 8.727 8.660 8.593 8.526 8.459 8.392 8.325 8.258 8.191 8.124 8.057 7.990 7.923 7.856 7.789
LEVELS ON RIGHT HAND CHANNEL (m)	9.414 9.362 9.312 9.260 9.207 9.154 9.101 9.048 8.995 8.942 8.889 8.836 8.783 8.730 8.677 8.624 8.571 8.518 8.465 8.412 8.359 8.306 8.253
VERTICAL DESIGN ON CARRIAGEWAY CENTRELINE	GRADIENT 1.8% (1 in 55) LENGTH = 36.951m HOG CURVE R = 1593.800 L = 37.000 GRADIENT -0.7% (-1 in 134) LENGTH = 25.753m SAG CURVE R = 2096.168 L = 36.700 GRADIENT 1.1% (1 in 91) LENGTH = 52.336m GRADIENT 1.2% (1 in 82) LENGTH = 29.559m
HORIZONTAL DESIGN ON CARRIAGEWAY CENTRELINE	STRAIGHT LENGTH = 15.481m CURVE R = 147.842 L = 66.773 STRAIGHT LENGTH = 35.898m CURVE R = 547.060 L = 47.442 STRAIGHT LENGTH = 55.715m
EXISTING LEVELS (m)	9.001 9.403 9.820 9.862 9.904 9.946 9.988 10.030 10.072 10.114 10.156 10.198 10.240 10.282 10.324 10.366 10.408 10.450 10.492 10.534 10.576 10.618 10.660 10.702 10.744 10.786 10.828 10.870 10.912 10.954 10.996 11.038 11.080 11.122 11.164 11.206 11.248 11.290 11.332 11.374 11.416 11.458 11.500 11.542 11.584 11.626 11.668 11.710 11.752 11.794 11.836 11.878 11.920 11.962 11.004 11.046 11.088 11.130 11.172 11.214 11.256 11.298 11.340 11.382 11.424 11.466 11.508 11.550 11.592 11.634 11.676 11.718 11.760 11.802 11.844 11.886 11.928 11.970 12.012 12.054 12.096 12.138 12.180 12.222 12.264 12.306 12.348 12.390 12.432 12.474 12.516 12.558 12.600 12.642 12.684 12.726 12.768 12.810 12.852 12.894 12.936 12.978 13.020 13.062 13.104 13.146 13.188 13.230 13.272 13.314 13.356 13.398 13.440 13.482 13.524 13.566 13.608 13.650 13.692 13.734 13.776 13.818 13.860 13.902 13.944 13.986 14.028 14.070 14.112 14.154 14.196 14.238 14.280 14.322 14.364 14.406 14.448 14.490 14.532 14.574 14.616 14.658 14.700 14.742 14.784 14.826 14.868 14.910 14.952 14.994 15.036 15.078 15.120 15.162 15.204 15.246 15.288 15.330 15.372 15.414 15.456 15.498 15.540 15.582 15.624 15.666 15.708 15.750 15.792 15.834 15.876 15.918 15.960 16.002 16.044 16.086 16.128 16.170 16.212 16.254 16.296 16.338 16.380 16.422 16.464 16.506 16.548 16.590 16.632 16.674 16.716 16.758 16.800 16.842 16.884 16.926 16.968 17.010 17.052 17.094 17.136 17.178 17.220 17.262 17.304 17.346 17.388 17.430 17.472 17.514 17.556 17.598 17.640 17.682 17.724 17.766 17.808 17.850 17.892 17.934 17.976 18.018 18.060 18.102 18.144 18.186 18.228 18.270 18.312 18.354 18.396 18.438 18.480 18.522 18.564 18.606 18.648 18.690 18.732 18.774 18.816 18.858 18.900 18.942 18.984 19.026 19.068 19.110 19.152 19.194 19.236 19.278 19.320 19.362 19.404 19.446 19.488 19.530 19.572 19.614 19.656 19.698 19.740 19.782 19.824 19.866 19.908 19.950 19.992 20.034 20.076 20.118 20.160 20.202 20.244 20.286 20.328 20.370 20.412 20.454 20.496 20.538 20.580 20.622 20.664 20.706 20.748 20.790 20.832 20.874 20.916 20.958 21.000 21.042 21.084 21.126 21.168 21.210 21.252 21.294 21.336 21.378 21.420 21.462 21.504 21.546 21.588 21.630 21.672 21.714 21.756 21.798 21.840 21.882 21.924 21.966 22.008 22.050 22.092 22.134 22.176 22.218 22.260 22.302 22.344 22.386 22.428 22.470 22.512 22.554 22.596 22.638 22.680 22.722 22.764 22.806 22.848 22.890 22.932 22.974 23.016 23.058 23.100 23.142 23.184 23.226 23.268 23.310 23.352 23.394 23.436 23.478 23.520 23.562 23.604 23.646 23.688 23.730 23.772 23.814 23.856 23.898 23.940 23.982 24.024 24.066 24.108 24.150 24.192 24.234 24.276 24.318 24.360 24.402 24.444 24.486 24.528 24.570 24.612 24.654 24.696 24.738 24.780 24.822 24.864 24.906 24.948 24.990 25.032 25.074 25.116 25.158 25.200 25.242 25.284 25.326 25.368 25.410 25.452 25.494 25.536 25.578 25.620 25.662 25.704 25.746 25.788 25.830 25.872 25.914 25.956 26.000

Road 3	
Vertical Exaggeration: 5 Datum: 1.000M AOD	
CHAINAGE ON CENTRELINE (m)	0.000 3.500 7.000 10.500 14.000
LEVELS ON CENTRELINE OF CARRIAGEWAY (m)	8.422 8.316 8.105 7.897 7.687
LEVELS ON LEFT HAND CHANNEL (m)	8.005 7.797 7.587
LEVELS ON RIGHT HAND CHANNEL (m)	8.004 7.797 7.587
VERTICAL DESIGN ON CARRIAGEWAY CENTRELINE	GRADIENT -3.3% (-1 in 31) LENGTH = 13.501m
HORIZONTAL DESIGN ON CARRIAGEWAY CENTRELINE	CURVE R = 15.788 L = 13.418
EXISTING LEVELS (m)	8.108 7.903 7.697
PROPOSED CHAINAGE (m)	3.500 7.000 10.500 14.000
PROPOSED LEVELS (m)	8.528 8.422 8.316 8.105 7.897 7.687

- NOTES:
- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
 - ALL LEVELS ARE SHOWN IN METRES UNLESS NOTED OTHERWISE.
 - DO NOT SCALE FROM THE DRAWING. USE FIGURED DIMENSIONS ONLY.
 - ANY DISCREPANCIES TO BE REPORTED IMMEDIATELY TO THE ENGINEER.
 - THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, ENGINEERS, SUBCONTRACTORS AND SPECIALISTS DRAWINGS AND SPECIFICATIONS.
 - EXISTING SERVICES HAVE NOT BEEN SHOWN BUT ARE PRESENT - THE CONTRACTOR IS TO LIAISE WITH ALL STATUTORY AUTHORITIES PRIOR TO THE COMMENCEMENT OF ANY WORKS.



PRELIMINARY

02	LT	LT	PG	AMENDED TO SUIT NEW LEVELS/LAYOUT
01	LT	DH	DH	FIRST ISSUE
rev.	drawn	chd.	appd.	description
Client LIFE PROPERTY GROUP LTD				
Project CRAMIC WAY PORT TALBOT				
Title HIGHWAYS LONGSECTIONS				
ValeConsultancy CONSULTING CIVIL & STRUCTURAL ENGINEERS 29 Bocam Park, Old Field Road, Pencoed, Bridgend CF35 5LJ. Phone: 01656 863794 Email: enquiries@vale-consultancy.co.uk				
date	drawn	checked	approved	
15.12.25	LT	DH	DH	15.12.25
scale @ A1 1:500 H		project no. 21174		
status	drg. no.	rev.		
P	21174_701	02		