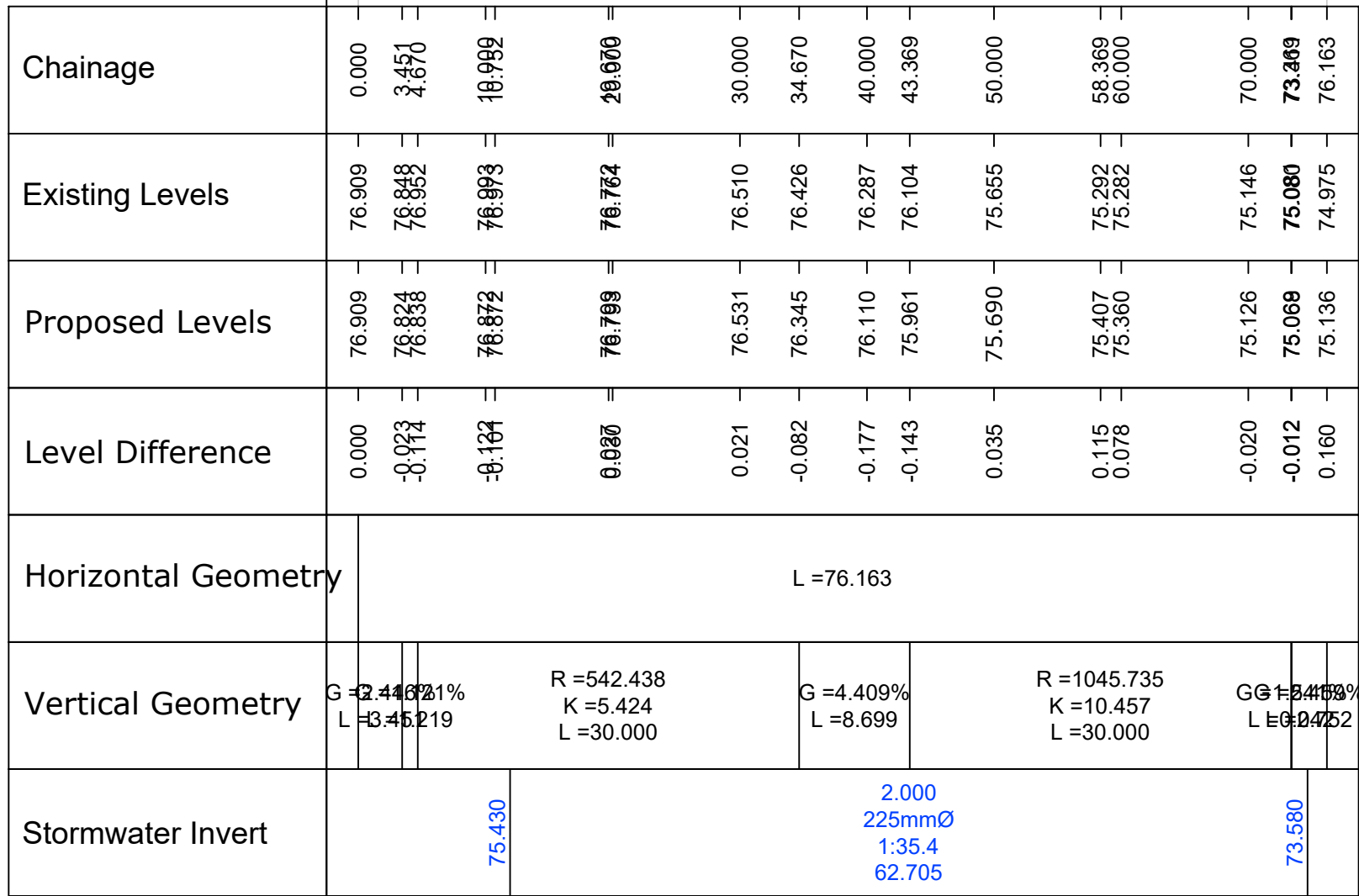


SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION
Refer to the relevant Construction (Design and Management) documentation where applicable.
It is assumed that all works on this drawing will be carried out by a competent contractor, working where appropriate to an approved method statement.

2. Do not scale from this drawing
3. This drawing is to be read in conjunction with and checked against all other drawings, engineering details, specification and any structural, geotechnical or other specialist document provided.
3. All adoptable drainage shall be in accordance with Sewer Service Guidelines Appendix C, The Design and Construction Guide and statutory undertakers requirements
4. All works to be adopted under a section 38 agreement shall be carried out with Wiltshire County Council's approval
4. All concrete class pipes for diameters 375mm and above are to be class '120'
6. A +1% gradient represents a rise of 1m in 100m
7. Left and right hand channels are on the left and right side respectively, when standing at change zero and looking along the road
8. Pipe sizes are shown in millimetres and levels shown in metres AOD.
9. All pipes to have flexible joints with granular bed and surround (class 4) beneath a min of 150mm granular bed and sidefill with 300mm min above pipe) unless otherwise stated. Where cover under roads or vehicular access areas is less than 1200mm a 150mm thick concrete protection shall be provided.
10. All pipe runs including connections to existing sewers are to be soffit to soffit, unless otherwise noted
11. All pipes to be either:
 - a) Wavin 'Ultrarip' pipes to BS EN 13476-3
 - b) Concrete Pipes to BS5911 Class 120.
12. All connections for house drainage shall be 100mm unless stated otherwise and must extend a minimum of 500mm behind the back of the footpath. All connections when laid shall be capped, protected as necessary and marked with a stake for future use. Surface water lateral drains to be 150mm dia. min.

 Existing Ground Profile
 Proposed Centreline Profile
 Proposed S104 Surface Water Sewer
 Proposed S104 Foul Sewer



Chainage	0.000															10.000															20.000															30.000															40.000															50.000															57.185															60.000															70.000															72.185															75.385															80.000															87.185															90.000															100.000															110.000															120.000															130.000															140.000															150.000															155.879															160.000															170.000															178.899															180.000															185.879															190.000															200.000															210.000															220.000															229.918														
Existing Levels	74.047															74.248															74.267															74.250															74.217															74.187															74.296															74.357															74.535															74.678															74.791															74.946															75.000															74.974															74.765															74.589															74.316															74.221															74.092															74.232															74.393															74.491															74.585															74.274															73.995															73.783															73.392															73.058															72.882															72.679																													
Proposed Levels	74.200															74.354															74.508															74.663															74.817															74.971															75.082															75.122															75.210															75.218															75.222															75.213															75.163															75.135															75.035															74.935															74.835															74.735															74.635															74.535															74.476															74.430															74.263															74.070															73.921															73.809															73.539															73.288															72.998															72.729																													
Level Difference	0.153															0.106															0.241															0.413															0.600															0.784															0.786															0.765															0.675															0.540															0.431															0.268															0.163															0.161															0.270															0.346															0.519															0.514															0.543															0.303															0.084															-0.061															-0.386															-0.204															-0.074															0.026															0.147															0.210															0.116															0.050																													
Horizontal Geometry	L = 23.862 R = 27.0 L = 1.323															L = 28.428															R = 55.0 L = 10.892															R = 32.0 L = 6.526															R = 27.2 L = 4.104															L = 11.631															R = 20.2 L = 8.650															R = 27.3 L = 6.038															L = 33.830															R = 55.0 L = 10.892															L = 26.306															R = 6.0 L = 9.425															L = 51.467																																																																																																																																																																																																																																																																																												
Vertical Geometry	G = 1.542% L = 57.185															R = 1180.084 K = 11.801 L = 30.000															G = 1.000% L = 68.694															R = 1759.741 K = 17.597 L = 30.000															G = 2.705% L = 44.039																																																																																																																																																																																																																																																																																																																																																																																																																				
Stormwater Invert	72.770 1.000 300mmØ 1:200.1 26.012															72.570 1.001 375mmØ 1:240.4 16.831															72.500 1.002 375mmØ 1:256.5 17.953															72.350 2.001 300mmØ 1:140.6 12.656															73.580 2.002 375mmØ 1:279.5 19.562															73.350 3.000 300mmØ 1:74.3 13.377															72.950 3.002 450mmØ 1:37.9 23.875															72.700 3.003 150mmØ 1:48.4 10.163															72.410 3.005 150mmØ 1:29.6 20.989															71.780 3.003 450mmØ 1:78.3 25.048															69.759																																																																																																																																																																																																																																																																																																																										
Foul Invert	72.920															72.120															72.010															71.880															72.970															72.860															72.680															72.500															72.250															72.080															71.330															70.110																																																																																																																																																																																																																																																																																																											

Redcliffe Homes Ltd

Dilton Marsh

Title
Highway Longsections Sheet 1 of 2

Preliminary

Project No.	Drawing No.	Revision
148009	148009-MCS-XX-DR-C-4000	P01

Morgan
Civil + Structural