



DO NOT SCALE this drawing. Use figured dimensions only.
The Contractor must check & verify all dimensions on site.
Any discrepancies must be reported immediately to the Engineer for clarification before proceeding.
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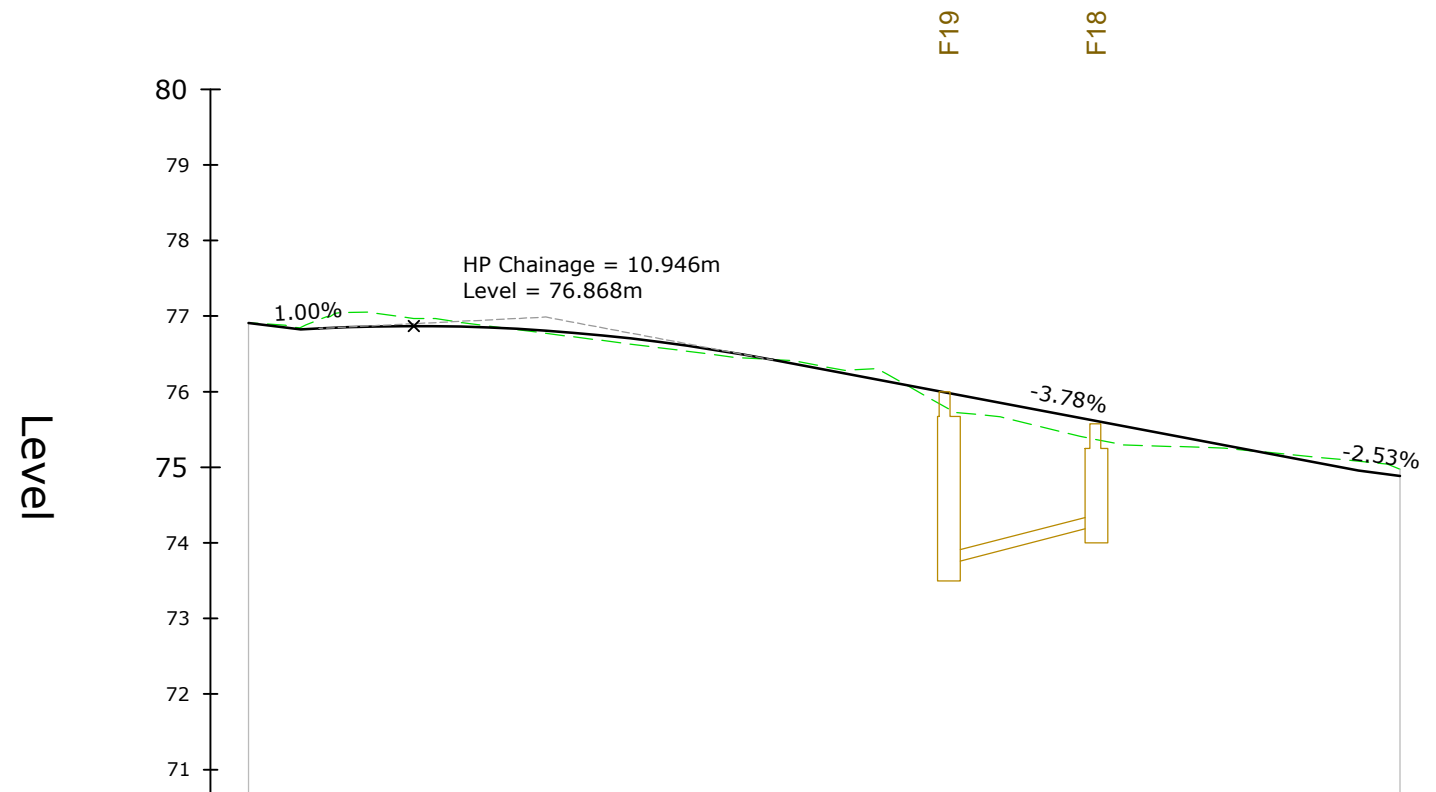
SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION
Refer to the relevant Construction (Design and Management) documentation where applicable.
It is assumed that all works on this drawing will be carried out by a competent contractor, working where appropriate to an approved method statement.

Notes:

- Do not scale from this drawing
- 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.
- All adoptable drainage shall be in accordance with Sewer Sector Guidance Appendix C: The Design and Construction Guidance and statutory undertakers requirements
- All works to be adopted under a section 38 agreement shall be carried out with Wiltshire County Council's approval
- All concrete class pipes for diameters 375mm and above are to be class '120'
- A +1% gradient represents a rise of 1m in 100m
- Left and right hand channels are on the left and right side respectively, when standing at chainage zero and looking along the road.
- Pipe sizes are shown in millimetres and levels shown in metres AOD.
- All pipes to have flexible joints with granular bed and surround (class s having 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 slab should be provided.
- All pipe runs including connections to existing sewers are to be soffit to soffit, unless otherwise noted.
- All pipes to be either:
 - Wavin "Utranib" Pipes to BS EN 13476-3
 - Concrete Pipes to BS5911 Class 120.
- 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.

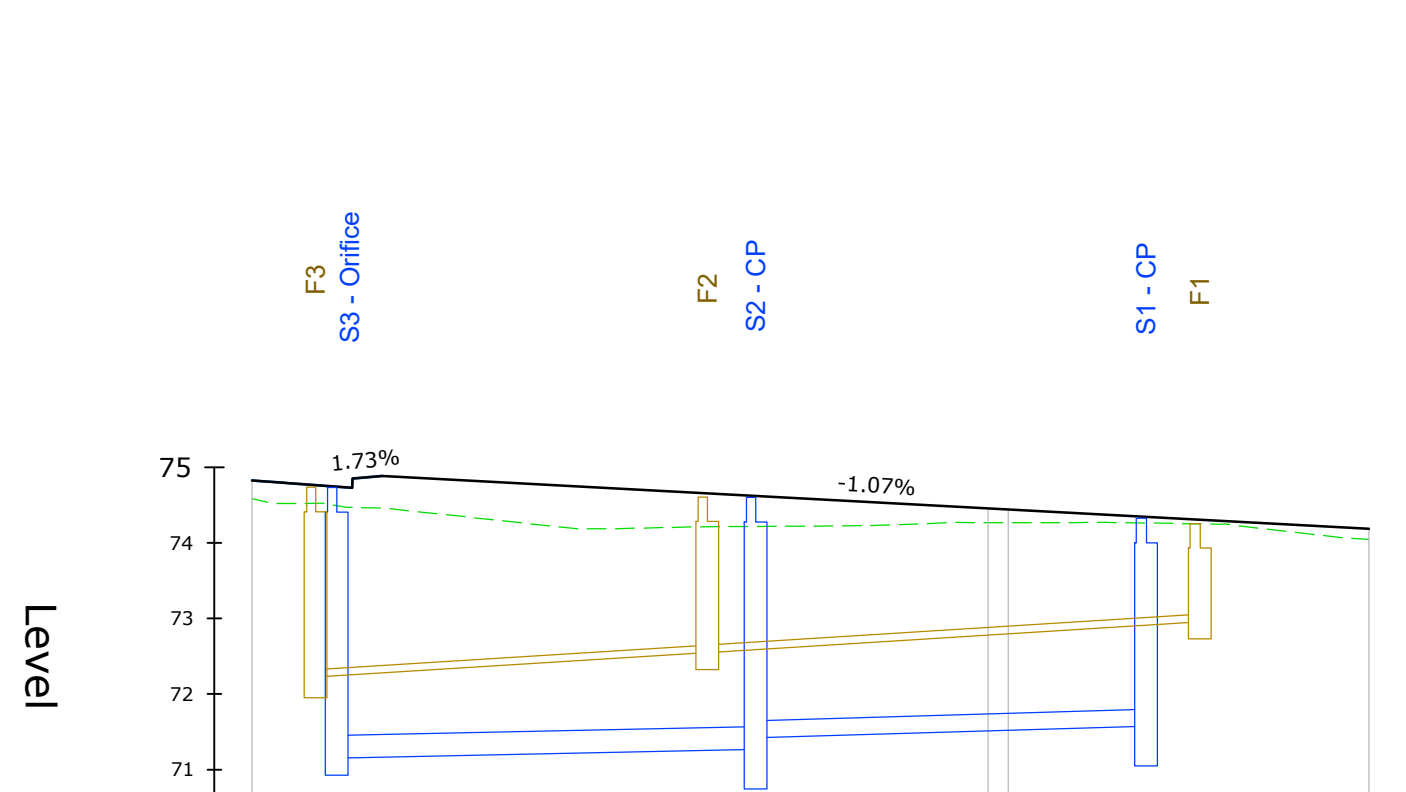
Key:

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



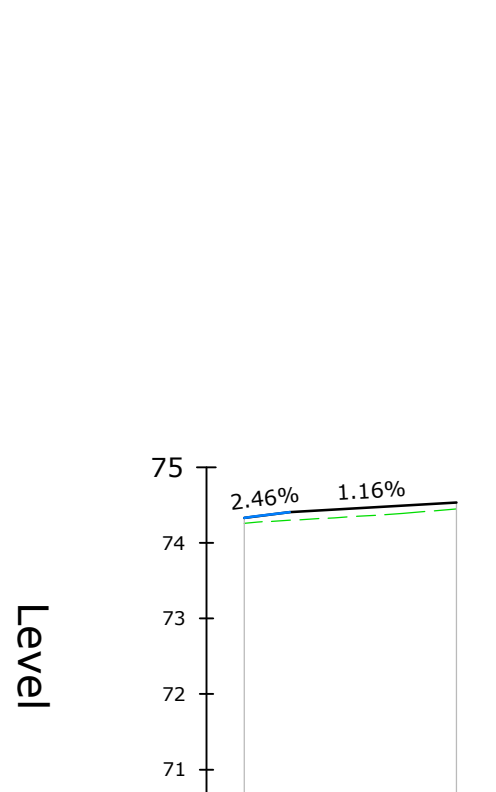
Chainage	0.000	3.451	10.000	19.670	30.000	40.000	50.000	60.000	70.000	73.411	76.163	
Existing Levels	76.909	76.848	76.832	76.883	76.510	76.426	76.287	75.655	75.282	75.146	74.975	
Proposed Levels	76.909	76.824	76.857	76.807	76.579	76.419	76.218	75.840	75.462	75.084	74.885	
Level Difference	0.000	-0.023	-0.116	-0.126	0.035	-0.007	-0.069	0.185	0.180	-0.062	-0.090	
Horizontal Geometry	L =76.163											
Vertical Geometry	G =1.000% L =1.219		R =627.586 K =6.276 L =30.000			G =3.780% L =38.741			G =2.531% L =2.752			
Proposed Cover Levels							75.998					
Foul Invert							73.720	1.014 150mmØ 1:19.8 10.000m	74.225			

ROAD 1 - LONGSECTION
SCALE: H 1:500,V 1:100. DATUM: 70.000



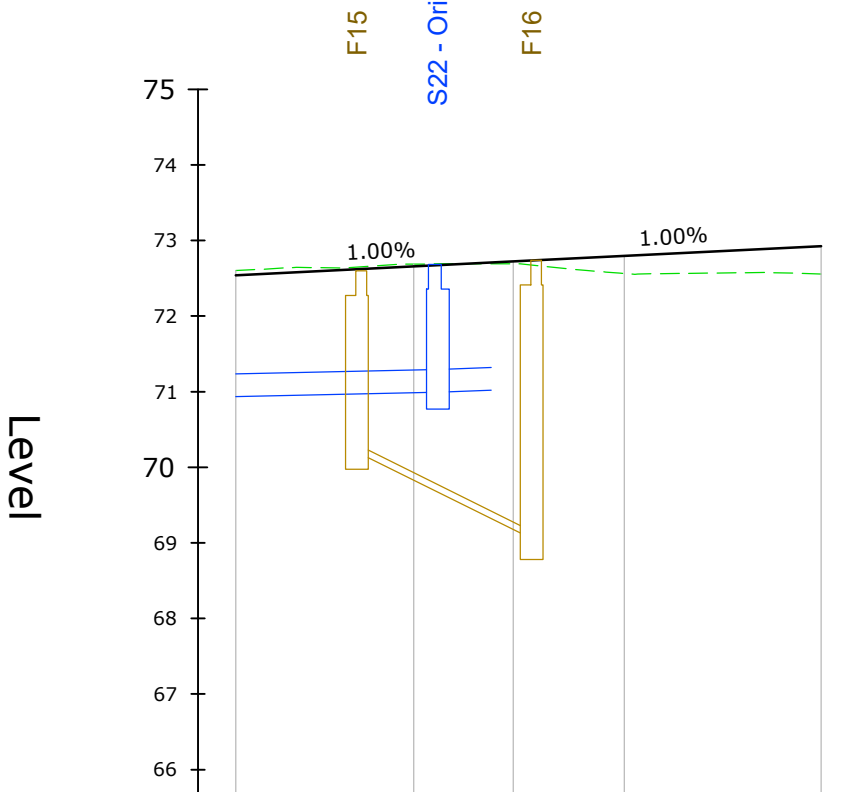
Chainage	0.000		6.640 8.621 10.000		20.000		30.000		40.000		50.000		60.000		70.000		73.868	
Existing Levels	74.585		74.469 74.489 74.480		74.217		74.213		74.227		74.267		74.260		74.115		74.047	
Proposed Levels	74.824		74.852 74.727 74.895		74.764		74.657		74.549		74.442		74.335		74.227		74.186	
Level Difference	0.238		0.383 0.259 0.438		0.547		0.444		0.323		0.175		0.075		0.112		0.139	
Horizontal Geometry					L =48.683						R =27.0 L =1.323				L =23.862			
Vertical Geometry			G =1.728% L =1.975						G =1.073% L =65.253									
Cover Level	74.737 74.733				74.607 74.601				74.327 74.256									
Stormwater Invert	71.152 71.152		1.001 300mmØ 1:234.7 27.700m		70.970		1.000 225mmØ 1:166.8 25.851m		71.275									
Foul Invert	72.174		1.001 100mmØ 1:80.0 25.894m		72.548		1.000 100mmØ 1:80.0 32.665m		72.956									

ROAD 3 - LONGSECTION
SCALE: H 1:500,V 1:100. DATUM: 70.000



Chainage	0.000	3.002	10.000	14.043
Existing Levels	74.259	74.298	74.382	74.449
Proposed Levels	74.331	74.405	74.486	74.533
Level Difference	0.072	0.106	0.104	0.084
Horizontal Geometry	L =14.043			
Vertical Geometry	G =2.460% L =3.002			

ROAD 3 TH - LONGSECTION
SCALE: H 1:500,V 1:100. DATUM: 70.000



Chainage	0.000	10.000	18.387	30.000	38.713
Existing Levels	72.601	72.673	72.678	72.564	72.556
Proposed Levels	72.538	72.638	72.732	72.838	72.925
Level Difference	-0.062	-0.035	0.055	0.274	0.369
Horizontal Geometry	L =11.773		R =22.7 L =6.579		L =13.009
Vertical Geometry	G =1.000% L =19.387			G =1.000% L =19.325	
Cover Level	72.598	72.683	72.736		
Stormwater Invert	4.004 300mmØ 1:234.4 24.143m	70.993	4.003 300mmØ 1:232.0 6.496m		
Foul Invert	70.200	3.002 100mmØ 1:10.0 11.455m	69.005		

ROAD 4 - LONGSECTION
SCALE: H 1:500,V 1:100. DATUM: 65.000

P02	07/08/20	Drainage and sewage pipes updated to suit lateral layout	SHC
P01	27/03/20	First Issue	AM
Rev	Date	Description	By
Client			

Redcliffe Homes Ltd

Project

Dilton Marsh

Title

Highway Longsections sheet 2 of 2

Drawing Status

Preliminary

Drawn	Checked	Approved	Date	Scale @ A1
AM	OT	NT	MARCH 2026	1:500

Project No.	Drawing No.	Revision
148009	148009-MCS-XX-DR-C-4001	P02

