

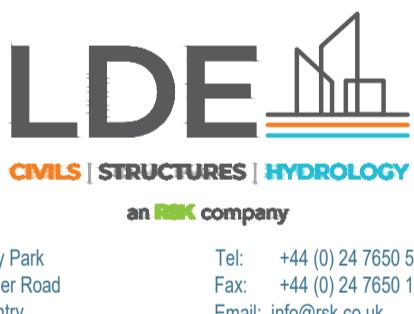
Abnormal or unusual residual risks associated with the design outcomes shown on this drawing are:-

RSK LDE LTD has followed its Design Risk Management process for Hazard Elimination and Risk reduction in developing the designs shown on this drawing.  
Abnormal or unusual residual risks may be shown above where it is considered that such risk may not normally be expected by competent persons engaged on work of this nature or type.

Notes:

- This drawing is to be read in conjunction with the Standard Details, the layouts, schedules and specification for this project.
- All adoptable drainage to be constructed in conjunction with Design and Construction Guidance for Drainage or as stipulated in Southern Water Addendum.
- For guidance on types and distances of proposed trees away from adoptable sewers refer Design and Construction Guidance for Drainage Restrictions On Tree Planting Adjacent To Sewers.
- A +1% gradient represents a rise of 1m in 100m.
- Left and right hand channels are on the left and right hand side respectively, when standing at zero chainage and looking along the road.
- A level at any point 'X'm from the start of a vertical curve is given by the formula:-  
Level @ 'X' = Level @ start of the curve +  $\frac{AX}{100} - \frac{BX}{200}$   
where A and B are the gradients at the start and end of the curve respectively and having the algebraic signs +, -.
- LHG and RHG indicates a left and right hand gully respectively.
- Pipe sizes are stated in millimetres and levels are shown in metres A.O.D.
- All pipes to have flexible joints with granular bedding (CLASS S) unless stated otherwise. Where 150mm concrete bed and surround is specified the concrete must be broken at the joint positions by the insertion of a 'flexcell' collar.
- Connections to existing sewers are to be "SOFFIT TO SOFFIT" unless noted otherwise.
- All concrete pipes to be CLAS 'M' All clay pipes shall comply with BSEN 295-1 crushing strengths and shall have a minimum crushing strength of 34KN/m. All Concrete pipes 3000 and above shall be class 120 and have a minimum crushing strength of 38KN/m
- MV' is equal to the rate of change of gradient and is calculated from the formula:-  
MV' =  $\frac{A-B}{L}$  where A and B are as in Note 4 above.
- Existing levels to be confirmed on site prior to commencement of works.

P03	13.12.2024	Issued for PLANNING RESUBMISSION	SB	GXA	RD
P02	25.10.2024	Issued for PLANNING	SH	GXA	RD
P01	20.09.2024	Preliminary Issue	LN	GXA	RD
Rev.	Date	Amendment	Drawn	Chkd.	Appd.



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Project Title

NEW PLACE FARM  
PULBOROUGH  
WEST SUSSEX

Status

PLANNING

LONG SECTION  
ROADS 11, 12, 13 AND 14

Drawn Date Checked Date Approved Date  
LN 09.24 GXA 09.24 RD 09.24

Scale 1:500 Orig Size Dimensions  
1:500 A1 m

Project No. Drawing File  
890815 890815.dwg

Drawing No. Rev.  
890815 RSK ZZ XX DR C 8018 P03

Project Orig Vol/Sys. Lev/Loc. Type Role Draw. No.

Scale 1:500  
0 5 10 15 20 25m

### ROAD11

CHAINAGE	EXISTING GROUND LEVEL		
ALIGNMENT LEVEL			
VERTICAL ALIGNMENT	G= 2.213% 1: 45.2		
HORIZONTAL ALIGNMENT	L= 15.000 KF= -15.56563		
LEFT HAND CHANNEL	R= 60.000		
RIGHT HAND CHANNEL			
STORMWATER COVER LEVEL			
STORMWATER INVERT			
STORMWATER DETAILS	Pipe 4.000 Dia 300 Circular CLAY 1 in 185		
STORMWATER LENGTHS	37.117		
FOULWATER COVER LEVEL			
FOULWATER INVERT			
FOULWATER DETAILS	Pipe 6.000 Dia 150 Circular CLAY 1 in 128		
FOULWATER LENGTHS	46.570		

### ROAD12

CHAINAGE	EXISTING GROUND LEVEL		
ALIGNMENT LEVEL			
VERTICAL ALIGNMENT	G= 1.250% 1: 80.0		
HORIZONTAL ALIGNMENT	R= 60.000		
LEFT HAND CHANNEL	47.102 47.240		
RIGHT HAND CHANNEL	44.075 47.382		
STORMWATER COVER LEVEL			
STORMWATER INVERT			
STORMWATER DETAILS	Pipe 1.000 Dia 300 Circular CLAY 1 in 15		
STORMWATER LENGTHS	53.804		
FOULWATER COVER LEVEL			
FOULWATER INVERT			
FOULWATER DETAILS	Pipe 4.000 Dia 150 Circular CLAY 1 in 13		
FOULWATER LENGTHS	45.225		

### ROAD13

CHAINAGE	EXISTING GROUND LEVEL		
ALIGNMENT LEVEL			
VERTICAL ALIGNMENT	G= 3.748% 1: 26.7		
HORIZONTAL ALIGNMENT	R= 40.000		
LEFT HAND CHANNEL	48.765		
RIGHT HAND CHANNEL	49.278 49.409		
STORMWATER COVER LEVEL			
STORMWATER INVERT			
STORMWATER DETAILS	Pipe 1.000 Dia 225 Circular CLAY 1 in 52		
STORMWATER LENGTHS	25.794		
FOULWATER COVER LEVEL			
FOULWATER INVERT			
FOULWATER DETAILS	Pipe 2.000 Dia 225 Circular CLAY 1 in 21		
FOULWATER LENGTHS	15.962		

### ROAD14

CHAINAGE	EXISTING GROUND LEVEL		
ALIGNMENT LEVEL			
VERTICAL ALIGNMENT	G= 0.951% 1: 105.1		
HORIZONTAL ALIGNMENT	R= 45.250		
LEFT HAND CHANNEL	49.569		
RIGHT HAND CHANNEL	49.621		
STORMWATER COVER LEVEL			
STORMWATER INVERT			
STORMWATER DETAILS	Pipe 1.000 Dia 225 Circular CLAY 1 in 15		
STORMWATER LENGTHS	18.643		
FOULWATER COVER LEVEL			
FOULWATER INVERT			
FOULWATER DETAILS	Pipe 7.000 Dia 150 Circular CLAY 1 in 8		
FOULWATER LENGTHS	14.577		