

ROAD 1

CHAINAGE	-1.970	0.000	1.970	7.890	15.000	20.000	21.115	25.000	27.890	29.201	30.000	44.623	48.975	48.995
EXISTING GROUND LEVEL	48.483			47.287		47.187								
ALIGNMENT LEVEL	48.482		48.037	47.986	47.780	47.621	47.510	47.468	47.442			47.323	47.248	
VERTICAL ALIGNMENT	G= -5.000% 1: -20.0													
HORIZONTAL ALIGNMENT	KF= 5.25908 L= 20.000													
	G= -1.197% 1: -83.5													
LEFT HAND CHANNEL	48.551	48.301	48.052	47.838	47.671	47.551	47.476	47.418	47.368	47.298	47.250			
CENTRE LINE	48.413	48.232	47.983	47.769	47.602	47.452	47.409	47.349	47.289	47.229	47.192			
RIGHT HAND CHANNEL	48.163	47.915	47.700	47.533	47.414	47.340	47.280	47.221	47.161	47.113				
STORMWATER COVER LEVEL	48.500	48.520			47.650	47.590	47.390			47.156	47.280			
STORMWATER INVERT	45.000	47.220			45.835	44.726	44.730			44.501	45.583			
STORMWATER DETAILS	Pipe 1,000 Dia 600 Circular CONC 1 in 13													
STORMWATER LENGTHS	18.000	30.363			25.975	15.330								
STORMWATER PIPE BEDDING	CLASS Z PIPE BEDDING AND SURROUND													
FOULWATER COVER LEVEL	48.511													47.175
FOULWATER INVERT	44.090													42.037
FOULWATER DETAILS	Pipe 2,000 Dia 150 Circular CLAY 1 in 25													
FOULWATER LENGTHS					50.942									
FOULWATER PIPE BEDDING	CLASS S PIPE BEDDING													

ROAD 2

CHAINAGE	0.000	10.000	18.221	20.000	21.767	25.000	27.893	30.000	35.000	38.816	41.000	43.831	50.000	
EXISTING GROUND LEVEL														
ALIGNMENT LEVEL	45.180	45.280	45.392	45.392	45.438	45.531	45.662	45.830	45.830	45.830	45.830	46.227	46.460	
VERTICAL ALIGNMENT	G= 1.000% 1: 100.0													
HORIZONTAL ALIGNMENT	KF= 6.66667 L= 20.000													
	G= 4.000% 1: 25.0													
LEFT HAND CHANNEL	45.299	45.349	45.399	45.449	45.507	45.600	45.720	45.898	46.027	46.096	46.136	46.205	46.244	
CENTRE LINE	45.161	45.211	45.261	45.311	45.369	45.462	45.593	45.761	45.899	46.027	46.182	46.275	46.343	
RIGHT HAND CHANNEL	45.161	45.211	45.261	45.311	45.369	45.462	45.593	45.761	45.899	46.027	46.182	46.275	46.343	
STORMWATER COVER LEVEL	45.297				45.437			45.820	45.390			47.244	47.330	
STORMWATER INVERT	43.989				43.857			43.951	43.730			45.600	45.442	
STORMWATER DETAILS	Pipe 2,000 Dia 300 Circular CLAY 1 in 200													
STORMWATER LENGTHS	16.405				16.903			31.998	38.753			5.577	12.737	
STORMWATER PIPE BEDDING	CLASS Z PIPE BEDDING AND SURROUND													
FOULWATER COVER LEVEL	45.896							45.896				47.175		
FOULWATER INVERT	42.108							42.108				42.037		
FOULWATER DETAILS	Pipe 1,002 Dia 150 Circular CLAY 1 in 491													
FOULWATER LENGTHS	34.846											22.954		
FOULWATER PIPE BEDDING	CLASS S PIPE BEDDING													

Legend	
Existing Ground level	-----
Proposed Ground level	-----
1 in 30 Year Storm Event	-----

D	28.03.22	Updated Invert levels for S104 Manholes	CLB	---
C	22.12.21	Updated long section with S1 changed locations. Updated Manhole Numbering to add existing UU manholes. Regrade of surface water from S50-S54	CLB	---
B	29.10.21	1 in 30 Year Storm Applied to Drawing.	CLB	---
A	15.07.21	Pipe Bedding Information Added to Longsection	CLB	---
Revision	Date	Amendment	By	Check

Development	BILLINGTON		
Location	NEDDY LANE		
Marketing Name	CALDER GRANGE		
Drawing Title	LONGSECTION SHEET 1		
Drawing Number	4441 / Eng / 003-1	Revision	D
Drawn By	CLB	Scale @ A1	1:500
Checked by	-	First Issue	20.04.21


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