



Balancing Pond
Providing Storage upto the 100 Year +40% CC
Max 100 Year +40% Water Level - 48.077
Bed Level - 42.576
Top of Bank - 45.00
1.3 bank with 5m wide berm
Total Storage Volume - 1.03m³
Total Basin Area - 80 m²

35.46m
52.16m

Holmleigh

Oak House

Inshriach

DALE VIEW

DALE VIEW

SUNNYSIDE AVENUE

LONGWORTH ROAD

- Legend
- S20 2250 @ 1:170 Proposed S104 Surface Water Sewer
 - F6 1500 @ 1:150 Proposed S185 Foul Water Sewer
 - S52 2250 @ 1:170 Proposed S185 Surface Water Sewer
 - F1 1500 @ 1:150 Existing Foul Water Sewer
 - Abandoned Foul Water Sewer
 - Abandoned Surface Water Sewer
 - S50 2250 @ 1:170 Existing Surface Water Sewer
 - S3 2250 @ 1:170 Culverted Water Course
 - Proposed Sewer Easement
 - Proposed S38 Road Gully
 - Surface Water Dragout
 - Foul Dragout
 - United Utilities Land Pumping Station
 - Suds Proposed for Adoption
 - Drag Out Pipe 1500
 - Surface Water Dragout
 - Foul Water Dragout
 - Back Drop
 - Electric Cable
 - 1m grasscrete strip

K	08.08.22	Road names added to drawing	CLB	—
J	09.05.22	Balancing pond contours fall arrows and grasscrete added, data box updated.	CLB	—
H	21.04.22	Balancing pond contours added, overall length and width shown, erosion prevention updated and data sheet updated.	CLB	—
G	06.04.22	Attenuation Basin updated to 2m Easement. Basin Dimensions added to drawing.	CLB	—
F	28.03.22	Invert levels updated.	CLB	—
E	14.03.22	HydroBrake information added to drawing.	CLB	—
D	28.02.22	Updated drawings Following UU comments. S104 Easement updated. Colours updated.	CLB	—
C	03.11.21	Updated drawings Following UU comments. Easement dimensions updated. Colours updated.	CLB	—
B	15.07.21	Dragouts locations added to drawing.	CLB	—
A	28.06.21	S15 and S16 Change to Headwalls	CLB	—
Revision	Date	Amendment	By	Check

Development **BILLINGTON**

Location **NEDDY LANE**

Marketing Name **CALDER GRANGE**

Drawing Title **S104 DRAINAGE LAYOUT**

Drawing Number **4441 / Eng / 001-1** Revision **K**

Drawn By **CLB** Scale @ A1 **1:500**

Checked by **-** First Issue **20.04.21**

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This layout has been designed after due consideration of our Context & Constraints Plan