



Provisional Pond
Providing Storage up to the 100 Year +40% CC
Max 100 Year +40% Water Level: +4.277
Bed Level: +4.276
Top of Bank: +4.500
1.3 bank with 5m wide berm
Total Storage Volume: +103m³
Total Basin Area: 801m²

- 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

N	05.06.23	Updated foul drainage run to UIU comments. Moved manhole S53 down system.	CLB	---
M	02.06.23	Updated foul drainage run to UIU comments. combine manholes S53-S54. Easements updated	EL	---
L	19.05.23	Updated foul drainage run to actual positions on site. S53-S54 manholes moved. Easements updated	CLB	---
K	17.02.23	Drainage updated to show manholes with backdrops	CLB	---
J	14.02.23	Manhole S59 removed. Manholes S57-S58 moved locations	CLB	---
H	16.01.23	Drainage run S2-S7 removed from Layout	CLB	---
G	09.08.22	Road names added to drawing.	CLB	---
F	18.02.22	Easement changed to only show the easement affecting the diverted pipes	CLB	---
E	02.02.22	Purple hatch changed to black.	CLB	---
D	03.11.21	Updated drawings Following UIU comments. UIU Manholes labels updated. S52 and S54 changed to 45 degree angles. overall gradient amended of surface water.	CLB	---
C	03.11.21	Updated drawings Following UIU comments. Easement dimensions updated. Colours updated. cover levels and inverts added.	CLB	---
B	15.07.21	Drainage 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: **S185 DRAINAGE LAYOUT**

Drawing Number: **4441 / Eng / 001-2** Revision: **N**

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

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



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