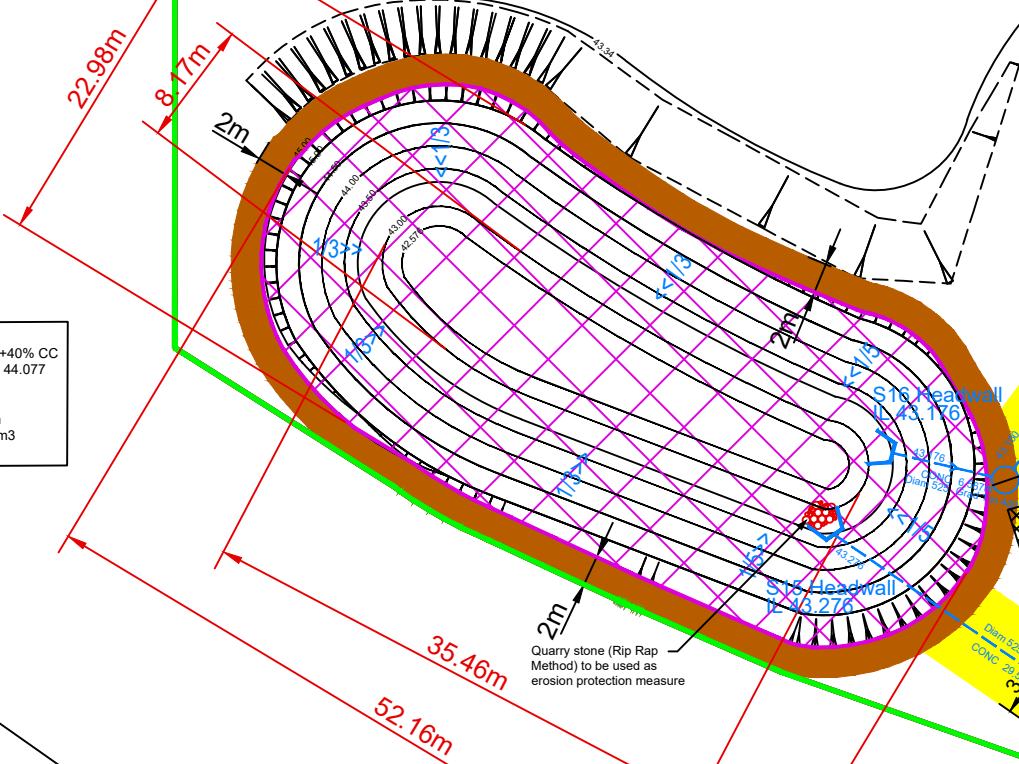




Balancing Pond
Providing Storage upto the 100 Year +40% CC
Max 100 Year +40% Water Level: 42.077
Bed Level: 42.076
Top of Bank: 42.00
1.3 bank with 5m wide berm
Total Storage Volume: 1.03m³
Total Basin Area: 80 m²



- 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
 - Pond access strip

R	21.08.23	Updated easement position inside pond. 2m access strip around the pond shaded brown.	CLB	---
Q	06.06.23	Updated foul drainage run to UU comments. Moved manhole S53 down system.	CLB	---
P	14.03.23	Dragouts invert updated to match latest plot drainage updates	CLB	---
N	17.02.23	Dragouts updated to show manholes with backdrops	CLB	---
M	14.02.23	Manhole S59 removed. Manholes S57-S58 moved locations	CLB	---
L	16.01.23	Drainage run S2-S7 removed from Layout	CLB	---
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. cover levels and inverts added.	CLB	---
C	03.11.21	Updated drawings Following UU comments. Easement dimensions updated. Colours updated. cover levels and inverts added.	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: **R**

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