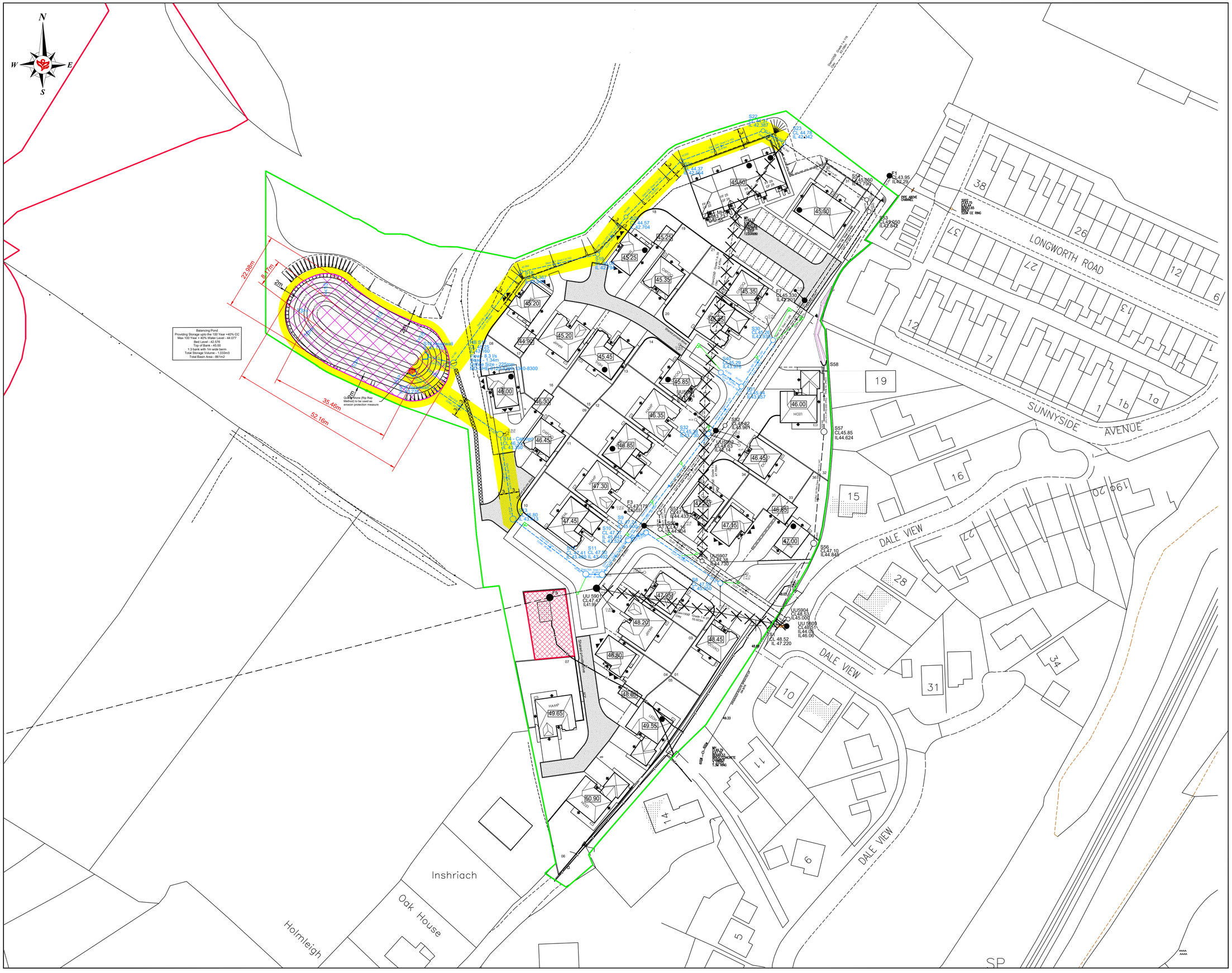

Legend

- S20 225Ø @ 1:170 — Proposed S104 Surface Water Sewer
- F6 150Ø @ 1:150 — Proposed S185 Foul Water Sewer
- S52 225Ø @ 1:170 — Proposed S185 Surface Water Sewer
- F1 150Ø @ 1:150 — Existing Foul Water Sewer
- Abandoned Foul Water Sewer
- Abandoned Surface Water Sewer
- S50 225Ø @ 1:170 — Existing Surface Water Sewer
- S3 225Ø @ 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 150Ø
- Surface Water Dragout
- Foul Water Dragout
- Back Drop
- Electric Cable
- 1m grasscrete strip

Revision	Date	Amendment	By	Check
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	---

Development	**BILLINGTON**		
Location	**NEDDY LANE**		
Marketing Name	**CALDER GRANGE**		
Drawing Title	**S104 DRAINAGE LAYOUT**		
Drawing Number	**4441 / Eng / 001-1**	Revision	**N**
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