

SURFACE WATER DRAINAGE

GRAVITY SURFACE WATER DRAINAGE

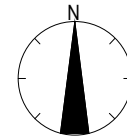
NEW PRIVATE

- New private surface water drain
- New surface water drainage channel
- New private surface water manhole
- New private surface water flow control chamber
- New swale, ditch or pond
- New headwall
- Fire water holding tank
- New private filter drain (perforated pipe in base)
- New cellular storage
- Impermeable areas included in storage calculations

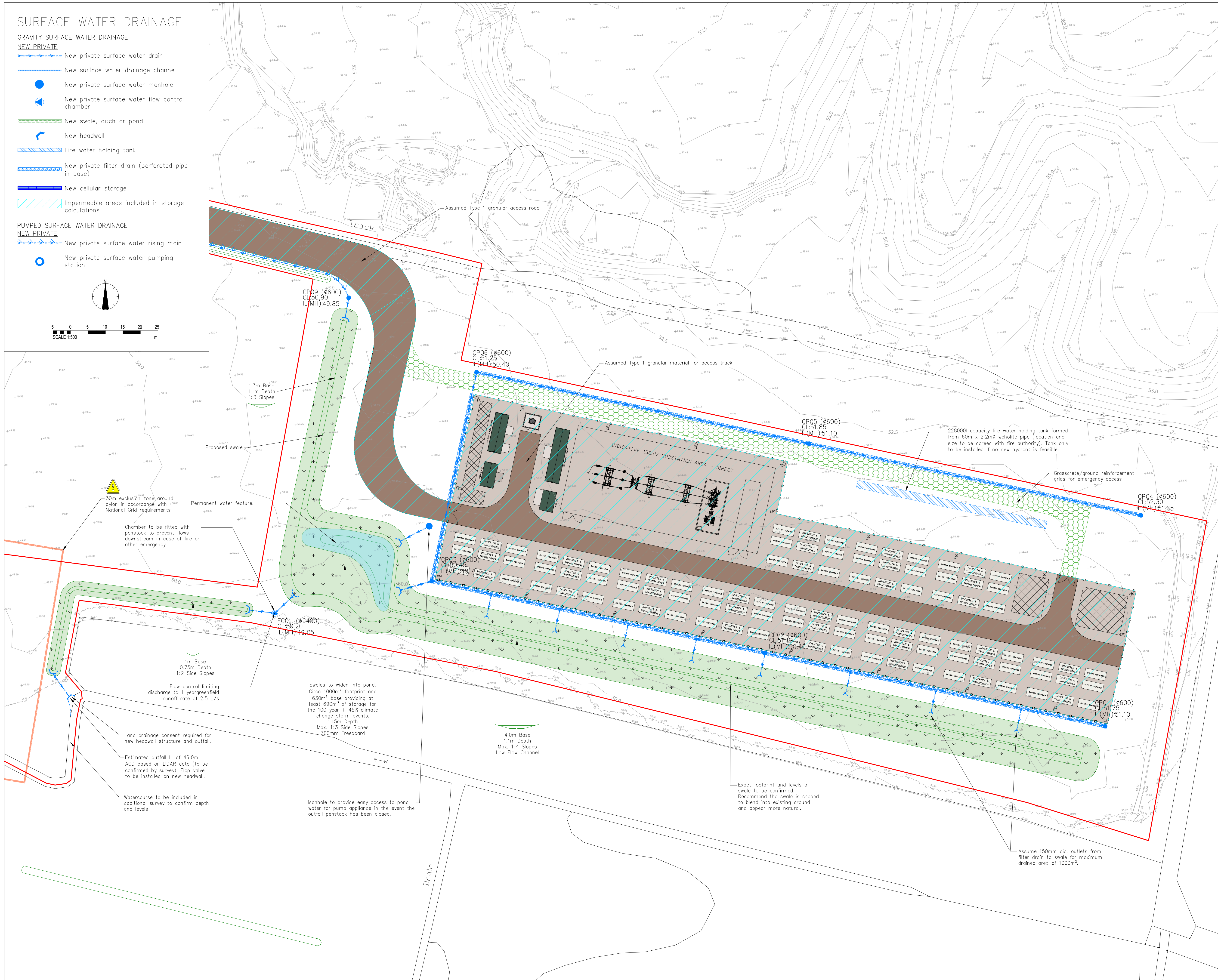
PUMPED SURFACE WATER DRAINAGE

NEW PRIVATE

- New private surface water rising main
- New private surface water pumping station



5 0 5 10 15 20 25
SCALE 1:500
m



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CDM REGULATIONS 2015

Significant or non-obvious risks and risks which are difficult to manage are identified on this drawing using the following symbol identified to the right with brief accompanying text. For further details of the risks identified by designers, reference should be made to CDM hazard register.



NOTES

- The current design assumes no infiltration.
- Requirements for lining of swales, ponds and filter drains to be considered in conjunction with the geotechnical investigation and remediation strategy.

P04	General notes and flow control updated	23/06/2025	JB	SC
P03	Updated to latest layout plan	30/05/2025	JB	SC
P02	Updated to new site layout plan	19/05/2025	JB	SC
P01	First issue	29/04/2024	A0/B	SC
REV	DESCRIPTION	DATE	BY	CHKD

ORIGINATOR: www.ridge.co.uk

RIDGE

PROJECT NUMBER: 5022617

CLIENT:

BALANCE POWER

IN ASSOCIATION WITH:

PROJECT:

SANDY BROW BESS

TITLE:

DRAINAGE GENERAL ARRANGEMENT
SHEET 2 OF 2

DRAWN BY: A0/B CHECKED BY: SC APPROVED BY: SW

SCALE @ A1: 1:500 DATE OF REVIEW: 29/04/2024

ISO 19650 STATUS:

S3 - Issued for Comment

DRAWING No: 5022617-RDG-XX-XX-D-C-000500 P04 Drainage General Arrangement.dwg

PROJECT:	ORG:	FUNCTION:	SPATIAL:	FORM:	DISCIPLINE:	NUMBER:	REV:
5022617	RDG	XX	XX	D	C	000501	P04