

## SURFACE WATER DRAINAGE

### GRAVITY SURFACE WATER DRAINAGE

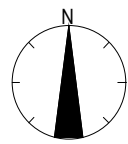
#### NEW PRIVATE

- 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

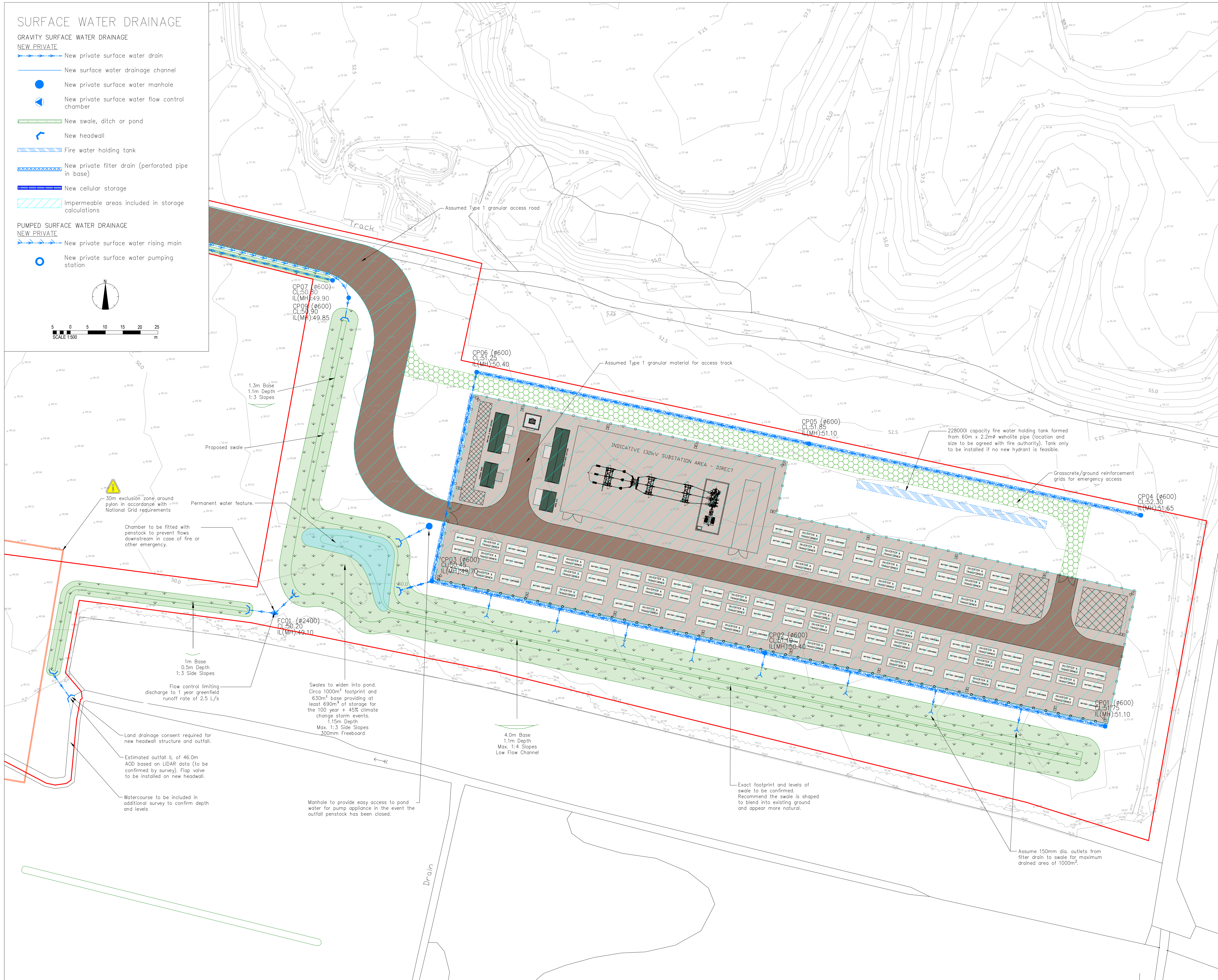
### PUMPED SURFACE WATER DRAINAGE

#### 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

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

|     |                                                           |            |     |      |
|-----|-----------------------------------------------------------|------------|-----|------|
| P05 | Ditches amended to swales/enhanced swales with 1:3 slopes | 27/02/2026 | JB  | SC   |
| 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 | AOB | SC   |
| REV | DESCRIPTION                                               | DATE       | BY  | CHKD |

ORIGINATOR: [www.ridge.co.uk](http://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: AOB 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 P05 Drainage General Arrangement.dwg

PROJECT: 5022617 ORG: RDG FUNCTION: XX SPATIAL: XX D FORM: C DISCIPLINE: 000501 REV: P05