

## EARTHWORKS

### GROUND MODELLING

#### PROPOSED

Proposed 0.5m contour  
Proposed 0.1m contour

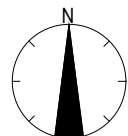
### LEVELS

#### EXISTING

+100.00 Existing level

#### PROPOSED

+100.00 Proposed level



SCALE 1:500  
0 5 10 15 20 25  
m

Proposed enhanced swale  
0.5m Base  
0.25m Depth  
1:3 Side Slopes  
0.8m depth off-gravel  
trench (>30% porosity)  
under base and 150mm  
diameter perforated pipe.

Proposed swale  
1.3m Base  
1.1m Depth  
1:3 Slopes

Accessible margin (minimum  
width 3m) to be maintained  
alongside swale and pond for  
maintenance access.

Proposed outfall swale.  
1m Base  
0.5m Depth  
1:3 Side Slopes

Swales to widen into pond.  
Circa 1000m<sup>2</sup> footprint.  
1.15m Depth.  
Max. 1:3 Side Slopes.  
300mm Freeboard.

Proposed swale.  
4.0m Base.  
1.1m Depth.  
Max. 1:4 Slopes.  
Low Flow Channel.

Average gradient across roads and  
external areas to be minimum 1:60.8  
Flat gradients for plinths and other  
level areas have not been modelled.

#### DISCLAIMER NOTES:

- THIS DOCUMENT IS COPYRIGHT OF THE ORIGINATOR AND MUST BE TREATED AS CONFIDENTIAL.
- THIS DOCUMENT MUST NOT BE ALTERED, REPRODUCED OR DISTRIBUTED WITHOUT PRIOR WRITTEN CONSENT OF THE ORIGINATOR.
- THIS DOCUMENT MUST NOT BE ALTERED - THE ORIGINATOR ACCEPTS NO RESPONSIBILITY FOR ANY DISCREPANCIES ARISING AS A RESULT OF THE ORIGINATOR'S INFORMATION BEING ALTERED BY OTHERS.
- ANY DISCREPANCY MUST BE REPORTED TO THE ORIGINATOR.
- DO NOT SCALE THIS DOCUMENT - USE FIGURED DIMENSIONS ONLY.
- ALL DIMENSIONS MUST BE CHECKED ON SITE PRIOR TO COMMENCEMENT OF ANY RELATED WORKS.
- THIS DOCUMENT MUST BE READ IN CONJUNCTION WITH ALL SUPPORTING DOCUMENTS PRODUCED BY THE ORIGINATOR AND OTHER PROJECT DISCIPLINES.
- THE ORIGINATOR ACCEPTS NO RESPONSIBILITY FOR THE ACCURACY OF BACKGROUND INFORMATION PRODUCED BY THIRD PARTIES - THIS MUST BE TREATED AS INDICATIVE ONLY.
- USERS OF THIS DOCUMENT ARE RESPONSIBLE FOR CHECKING WHICH REVISION IS CURRENT.
- THE DOCUMENT STATUS "INFORMATION" OR "PRELIMINARY", INDICATES THAT THIS DRAWING IS FOR REFERENCE PURPOSES ONLY - THE ORIGINATOR WILL ACCEPT NO RESPONSIBILITY FOR THE COMPLETENESS OF INFORMATION UNDER THIS STATUS.
- THE DOCUMENT STATUS "RECORD" OR "AS BUILT" HAS BEEN PREPARED, IN PART, BASED UPON INFORMATION FURNISHED BY OTHERS. WHILE THIS INFORMATION IS BELIEVED TO BE RELIABLE, THE ORIGINATOR ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF THIS "RECORD" OR "AS BUILT" DOCUMENT OR FOR ANY ERRORS OR OMISSIONS THAT MAY HAVE BEEN INCORPORATED INTO IT AS A RESULT OF INCORRECT INFORMATION PROVIDED TO THE ORIGINATOR. THOSE RELYING ON THE "RECORD" OR "AS BUILT" DOCUMENT ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY.

#### 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

- Levels shown are indicative only and subject to confirmation and implementation of the remediation strategy, cut and fill balance and requirements for the protection of services.

|                             |                                                           |            |     |      |
|-----------------------------|-----------------------------------------------------------|------------|-----|------|
| P04                         | Ditches amended to swales/enhanced swales with 1:3 slopes | 27/02/2026 | JB  | SC   |
| P03                         | Updated to latest layout plan                             | 23/06/2025 | JB  | SC   |
| P02                         | Revised for updated site layout                           | 29/04/2024 | AOB | SC   |
| P01                         | First issue                                               | 21/12/2023 | EP  | AJC  |
| 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:

LEVELS 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-000600 P04 Levels General Arrangement.dwg

|          |      |           |          |       |             |         |      |
|----------|------|-----------|----------|-------|-------------|---------|------|
| PROJECT: | ORG: | FUNCTION: | SPATIAL: | FORM: | DISCIPLINE: | NUMBER: | REV: |
| 5022617  | RDG  | XX        | XX       | D     | C           | 000601  | P04  |