



GENERAL NOTES

1. This drawing is to be read in conjunction with and checked against all other drawings, engineering details, specifications and any structural, geotechnical or other specialist document provided.
2. Any discrepancies within all relevant drawings are to be reported to QuadConsult Ltd immediately.
3. All dimensions and levels are in metres, U.N.O.
4. Do not scale from this drawing - use figured dimensions only.
5. This drawing is schematic for clarity only, positions of pipe runs and manholes may vary on site due to site conditions.

PLEASE NOTE:
SUBJECT TO APPROVAL BY SAB

SuDS LEGEND

- SuDS Planter
- Rain garden
- Shared bio-retention area
- Cellular Soakaway
- Pervious paving - Parking Bays
- Pervious paving - Shared Drive
- Non pervious paving construction
- SW MH / Sewer
- Existing sewer easement
- Existing off-site drainage
- Proposed ACO swale outlet / SW Channel drain
- Waterbutt with high level overflow
- Proposed Exceedance / System Failure Flow Route



High level overflow from Permeable Pavement System

Parking Spaces over Easement to be Non Porous and drain across surface to adjacent permeable paving

High level overflow from Cellular Soakaway

PEDESTRIAN ENTRANCE

Park Place

SW Connection to be provided into existing infrastructure to facilitate emergency overflow from Cellular Infiltration Structure - Limiting discharge to agreed rate of 9.66l/s

Existing CL- 45.33 IL- 43.10

Maintenance Manhole

Minimum Invert Level of Cellular Structure = 43.200m Preliminary Analysis indicates a structure 7 x 24 x 1.2m based on a Factor of Safety of 5 and full site area.

SuDS

LAP zone 1

LAP zone 2

SuDS

Maintenance Manhole

SuDS: Min. 32m² (Basin to Civil Engineer's design) LAP: 100m² (Integrated within SuDS area) Layout indicate only - to Landscape Architect's design

Native hedgerow to Landscape Architect's design

Welsh Water Easement. Exact details to Civil Engineer's drawings.

High level overflow from Permeable Pavement System

Community Garden for Risca House Social Services Centre Area not surveyed

1 No. Visitor Cycle Hoop

C	23.01.25	SITE LAYOUT REVISED, SOAKAWAY WITH OVERFLOW & SuDS FEATURES ADDED	RWP
B	15.11.24	UPDATED TO LATEST ARCHITECT LAYOUT	KE
A	18/08/24	UPDATED TO LATEST ARCHITECT LAYOUT	JH
		Description	By

Dimensions to be verified on site. This drawing should not be scaled. Use figured dimensions only. Any discrepancies should be referred to the Engineer prior to work being put in hand. This drawing is copyright.

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ENGINEERS IN PARTNERSHIP
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Client
CURRIE & BROWN

Project
GF05 BROOKLAND ROAD

Title
PRELIMINARY DRAINAGE STRATEGY

Drawing Status
PRELIMINARY

Designed by	Drawn by	Checked by	Date	Scale @ A1 size
JH	JH	ML	28/01/22	1:250

Drawing No
21575-SK-002-C

