



(SA3) Single Soakaway taking entire site (230sq.m. including 10%)
3.0m x 5m x 1.2m deep
Based on assumed infiltration Rate 1.0E-05m/s
FOS = 1.5
1/2 Drain Time = 710 mins

Pipe and manhole sizes are indicative. Sizes will be confirmed at detail design.

Pen-y-ddol

(SA2) Single Soakaway taking entire site (2330sq.m. including 10%)
125m² x 1.6m deep
Based on assumed infiltration Rate 1.0E-05m/s
FOS = 1.5
1/2 Drain Time = 1329 mins
Base Level = 100.05

(SA1) Single Soakaway taking entire site (210sq.m. including 10%)
2.5m x 5m x 1.2m deep
Based on assumed infiltration Rate 1.0E-05m/s
FOS = 1.5
1/2 Drain Time = 698 mins

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Legend

- Site Boundary**
- Existing**
- Existing Combined Sewer
- Existing Highway Drain
- Proposed**
- Surface Water Drain
- Foul Water Drain
- Flow Control Manhole
- Plot Slab Level
- Communal Soakaway
- Brick Retaining Wall
- Underbuild

0 1 2 4 6 8 10 15 20
SCALE BAR (m)

PRELIMINARY

A	13.09.23	Updated to suit revised layout	PW	AJ
Rev.	Date	Revision	By	Appd.

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Client

JONATHON PALETTA

Project

Bersham Club, Bersham Road,
Wrexham.

Title

Drainage Strategy
Option 1

DRAWING NUMBER	SCALE at A1	1:250
7781 / 01	DATE	07.06.23
	DRAWN	PW
	CHECKED	AJ
	REVISION	A