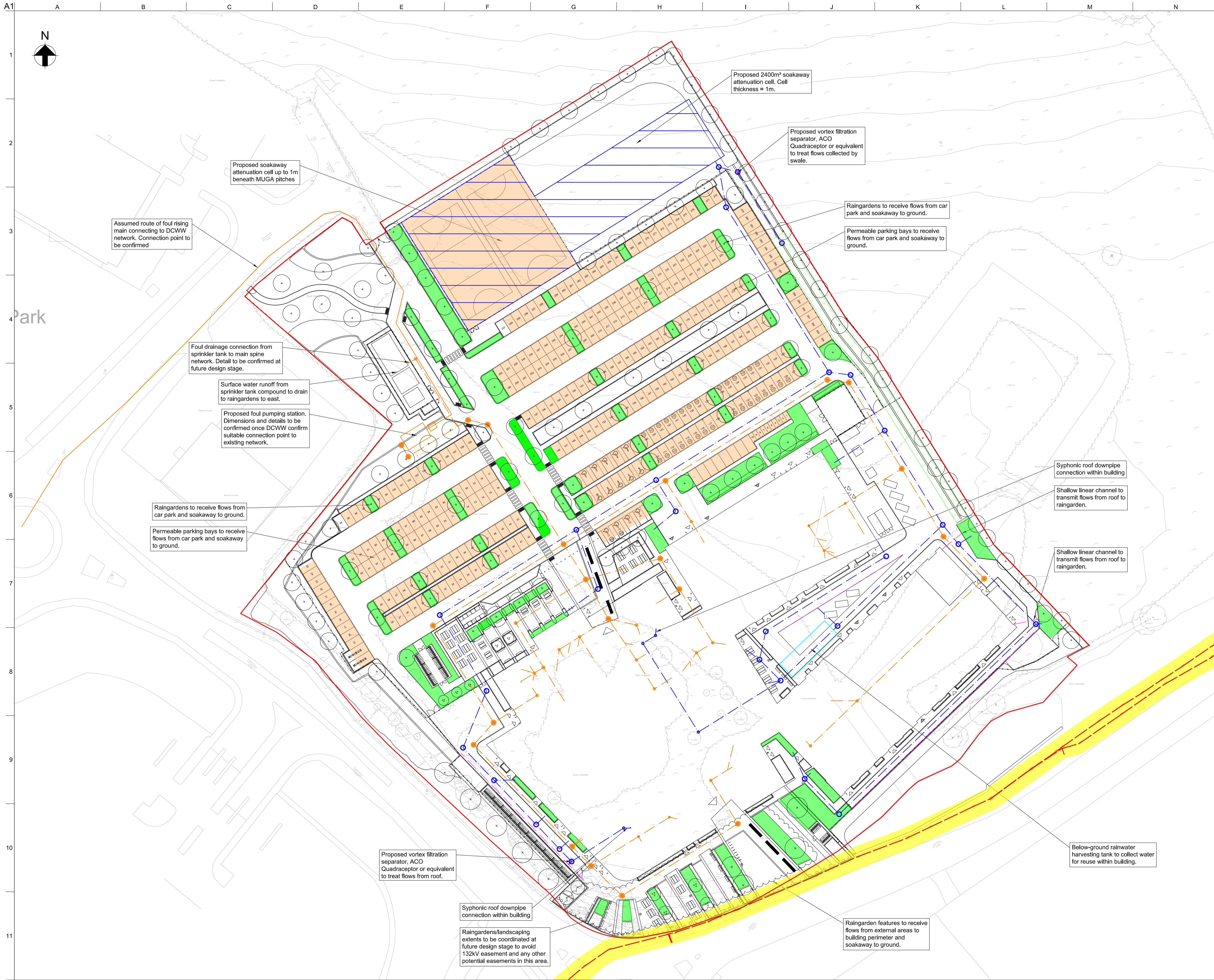


Job number 287277
Date 4 March 2024

Appendix B Proposed Drainage Schematic



Legend

- Site Boundary
- Existing WPD 132kV and easement
- Proposed Storm Drainage
- Proposed Foul Drainage
- Proposed Foul Rising Main
- Proposed Permeable Paving
- Proposed Soakaway Attenuation Cell
- Proposed Rain Garden
- Proposed Linear Drainage Channel
- Proposed Swale
- Rainwater Harvesting Tank
- ⊗ Proposed Vortex Separator

- Notes**
1. Do not scale from this drawing.
 2. This drawing is for planning and subject to full SAB approval.
 3. The topographic survey detail shown on this drawing is based on a survey carried out by 'HSP consulting' in May 2020. No responsibility can be taken for the accuracy of this survey.
 4. Attenuation sizes are based on attenuating the 1:100-year return period event (with a 40% allowance for climate change), based on the average soakaway rate of 1.27E-5m/s, measured during the Ground Investigation conducted in September 2023. Further soakaway testing is ongoing, which may amend the required size of attenuation or details of the drainage proposed.
 5. HMA required to determine suitable foul connection point and possible works required to the DCWW network. Allowance of a foul pumping station made. Details TBC in future design stages.

P03	04/04/24	JN	JN	JS
Issued for Planning				
P02	15/12/23	JN	JN	IA
Re-issued for PAC				
P01	16/10/23	JN	JN	IA
Issued for PAC				
Issue	Date	By	Chkd	Appd

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Client
WEPCo / Cardiff and Vale Colleges

Project Title
Advanced Technology Centre.

Drawing Title
Proposed Drainage Schematic

Scale at A1	1:500	Role	Civils
Suitability	S2 - Suitable for Information		
Job No	287277	Rev	P03
Drawing No	SK001		