



- Notes
- This drawing has been produced for information and should not be used for construction.
 - Do not scale from this drawing or the digital data.
 - This drawing provides RIBA Stage 3 information and is subject to design development.
 - This drawing is based off the topographical survey undertaken by CADPlan dated 05/07/2024 and revised on 13/02/2025.
 - Drainage sizes and positions based off CCTV survey undertaken by Lanes Group dated 30/09/2024.
 - Roof catchment distribution based on an assumption of 75m2 per downpipe. Detailed roof catchment split to be undertaken at Stage 4.
 - For more information on underslab drainage refer to public health plan CAM-ARP-02-ZZ-DR-P-000001 CAM-ARP-02-ZZ-DR-P-000002 (Phase 1&2) R1.
 - For more information on the proposed drainage - refer to CAM-ARU-ZZ-ZZ-DR-C-000002.
 - Downpipes taken from Waterman Drawing 20250415 SVP Stacking (Phase 1&2) R1.
 - For blue roof design by Bauder refer to: B252515, Cambridge Halls - Blue roof Calculation rev A report dated 29/05/2025

- Legend
- Red line boundary
 - Existing drainage
 - Proposed surface water network
 - Proposed foul network
 - Proposed combined sewer network
 - Rain garden catchment
 - Bioretention catchment
 - Permeable paving catchment
 - Bluroof catchment
 - Catchment taken directly into the proposed drainage network
 - Roof Catchment
 - Underslab surface water drainage
 - Attenuation crates

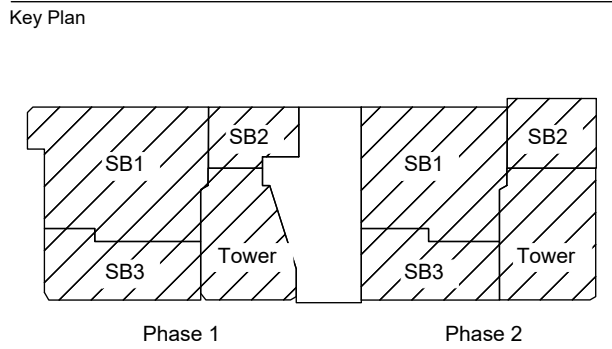
R04	11/07/25	Revised for Curbin Comments
R03	20/06/25	W03 Issue
R02	24/04/25	Revised For Updated Topo Survey
R01	20/12/24	For Information
Issue	Date	Description

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Client
Unite Students

Project Title
Cambridge Halls



Drawing Title
Proposed Surface Water Drainage Catchment Plan

Scale at A0	1 : 200	Disc/Dwn/Chd/Asp
Role	Civil	MC/MC/DR/TS
Status		
Arup Job No	303452-00	Rev P04
ID	CAM-ARP-ZZ-ZZ-DR-C-000004	

Storm Event	Existing Flow (l/s)	Proposed Flow (l/s)
1 in 2 yr	81.8	
1 in 30 yr	158.2	
1 in 30yr + 40%CC		79.1
1 in 100yr	197.5	
1 in 100yr + 45%CC		98.7
Total Site Pool Flow Rate		6087.2 DU / 39 l/s

The entire site SW catchment is proposed to discharges to the existing combined UU sewer network located on Higher Chatham Street, as per existing drainage regime. Final discharge rates to be agreed with local authorities at detailed design