

 Manchester Metropolitan University MMU Environmental Management System	Ref	W&R PR1A
	Version	1
	Date	16/09/2024
	Author	Facilities Management – External
	Approved by	Lee Willcocks
Waste and Recycling Storage and Disposal plan for Public Realm Phase 1A		

1. Introduction and Purpose

- 1.1. The purpose of this document is to set out the waste and recycling storage and disposal plan for the operation of Phase 1A of the Public Realm.
- 1.2. This document aims to demonstrate that Manchester Metropolitan have adequate waste arrangements for the Public Realm development with a view to maximising reuse and recycling.

2. Waste Storage Arrangements

- 2.1. The waste storage will be in bespoke external bins located within and adjacent to All Saints Park (Image 01).
- 2.2. 12x bespoke timber bins with 2x apertures are proposed within All Saints Park, in keeping with the works. Each aperture has a galvanised steel liner with max. capacity of approx. 100 litres.
- 2.3. 6x bespoke black metal bins with 4x apertures are proposed outside the park, in keeping with other external bins on campus. Each aperture has a galvanised steel liner with max. capacity of approx. 100 litres.
- 2.4. To capture externally generated recycling, the campus bins collect the following:
 - General waste
 - Plastic & cans
 - Glass
 - Paper & card
- 2.5. The following waste streams are the most commonly generated in the park area.
 - General waste
 - Plastic & cans
 - Glass

This is due to the paper & card from users around the park being largely takeaway or food outlet related and unsuitable for recycling.

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2.6. Due to the changing nature of the waste industry, the waste streams are indicated by vinyl graphics applied to the bins. This will allow the University flexibility to amend the waste streams collected, should this vary upon changes in the waste industry or legislation.

2.7. Proposed locations of the Public Realm Phase 1A bins are shown in image 01 below.



Image 01: Bin Location Plan



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3. Waste Collection Arrangements

- 3.1. The bins are emptied between 6:00am and 9:30am, Monday to Saturday. Additional collections are conducted in the afternoon on days of heavy park usage and busy times.
- 3.2. The galvanised steel liners are lined with bags, which are removed and replaced. The bags are transported using an electric vehicle or collection trolley.
- 3.3. The waste bags are transferred to an existing bin store located nearby on campus, next to the Cavendish Building as shown on image 02 below, where it is stored as individual streams.
- 3.4. The University has an appointed main waste contractor, Veolia Environmental Services, who collect all waste streams outlined in 2.4 from the bin store.
- 3.5. The University has restricted collection times across campuses that the main waste contractor adheres to and compliance is monitored through Key Performance Indicators.
- 3.6. Manchester Metropolitan will continue adhering to their contractually agreed KPIs for this area of campus, with all main waste collections taking place prior to 8:30am Monday to Saturday.
- 3.7. Waste is collected from the bin store as individual streams by separate vehicles. The collection schedule is identified in table 1 below.

	Monday	Tuesday	Wednesday	Thursday	Friday
General Waste	X	X	X	X	X
Paper & Cardboard	X		X		X
Plastic Bottles and Tin Cans	X		X		X
Glass Waste	X				X
Food Waste			X		

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- 3.8. Veolia will have access to the bin store from Higher Chatham Street, adjacent to the waste storage area.
- 3.9. Veolia Environmental Services will empty the bins and return back to the waste storage area.
- 3.10 Bins will be emptied more frequently, if required, when events are taking place in accordance with the Public Realm Phase 1A Event Management Strategy. The bin store has sufficient capacity for increased events waste and will not require additional collections to those identified in table 1 above.



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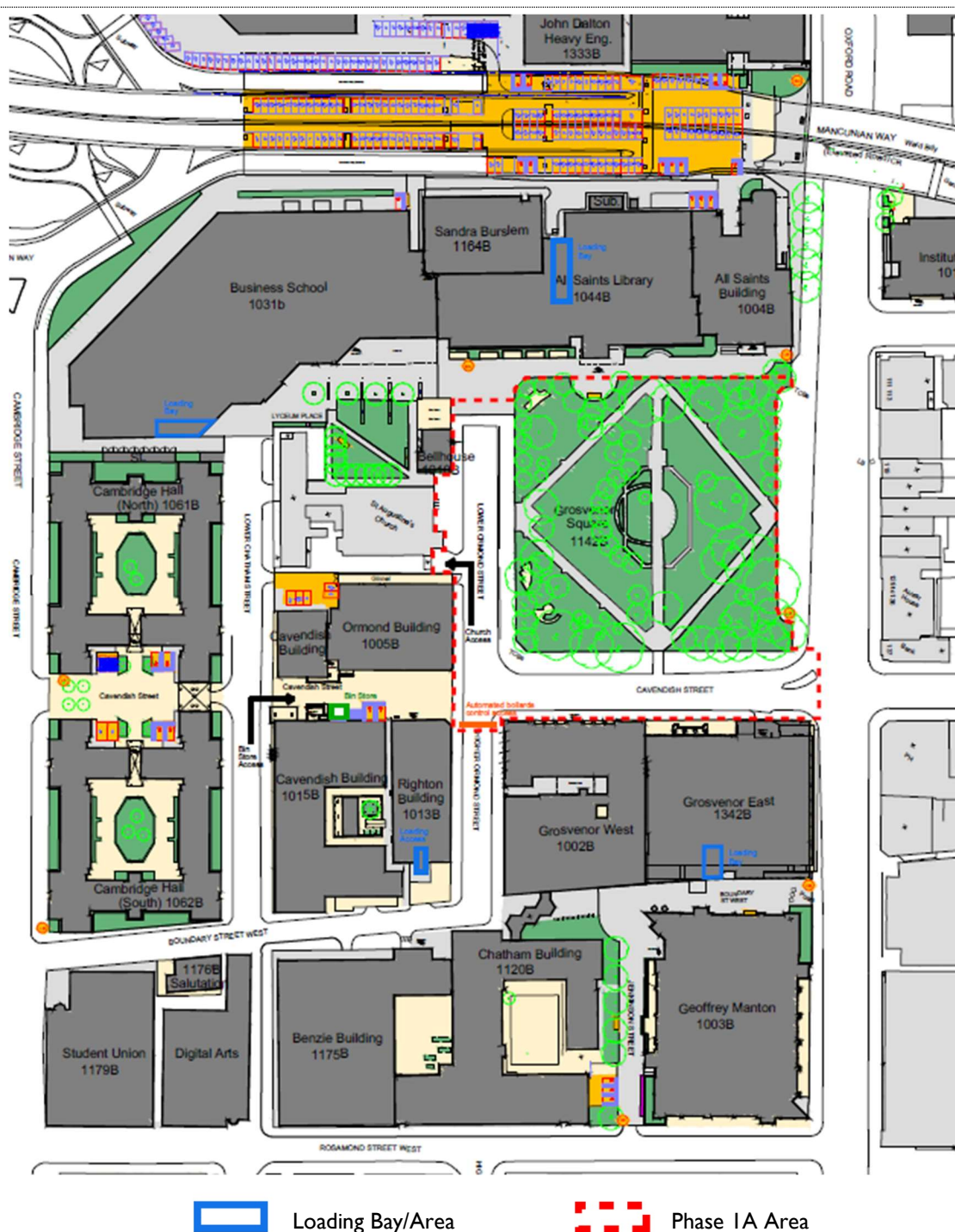


Image 02: Phase 1A – Bin Store Location Plan