



Waste Management Strategy

Upper and Lower Campfield, Enterprise City

Allied London Campfield Developments Limited

Prepared by:

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SLR Project No.: VN232776

15 September 2023

Revision: 01

Revision Record

Revision	Date	Prepared By	Checked By	Authorised By
01	15 September 2023	Emilia Gosden	Gareth Davis	Gareth Davis

Basis of Report

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- 1.7 This strategy report will examine the waste streams that will be generated by both Upper and Lower Campfield, assess the refuse storage provision and set out the strategy for waste generation and the collection of waste.

Structure of the Report

- 1.8 Following this introductory chapter, this waste strategy considers the following:
- **Section 2 and 3: Development Proposals** – outlines the development proposals;
 - **Section 4: Waste Forecasts** – considers the waste forecasts for the proposed development in terms of the required bin storage capacity;
 - **Section 5: Refuse Storage** –describes the refuse storage for the site; and
 - **Section 6: Waste Transfer** – assesses the waste transfer routes for the site.



2.0 Development Proposals – Lower Campfield

Existing Use

- 2.1 The existing Lower Campfield building is a Grade II listed building, which until recently was occupied as the Air and Space Hall by the Science and Industry Museum (MOSI). It is now vacant.
- 2.2 Lower Campfield is served by multiple entrances from road level on all street facades and no direct vehicular access.

Development Proposals

- 2.3 Lower Campfield will be refurbished and converted into a modern office space for media, digital and creative industries to generate new employment in these areas. The description of the full development proposals for Lower Campfield are detailed below:
- A total of two floors which total up to 605 office stations / desk space (total 3,329sqm);
 - A café / bar space, including a balcony lounge (also open to the public) (total 361sqm / maximum 150 covers);
 - A small retail space (60sqm);
 - Event Space (ancillary to the office / workspace function; anticipated to host larger events circa. 5 – 10 times a year).
- 2.4 All pedestrian entrances around the site will be retained; the main pedestrian entrances located on the southern, eastern and western elevations.
- 2.5 The maximum occupancy for Lower Campfield is around 600. However, this is a worst-case and average daily occupancy is anticipated to be less than this figure.
- 2.6 The development proposal floor layouts for Lower Campfield are given in **Appendix A**.

Parking

- 2.7 Lower Campfield will not provide any car parking provision. Due to the City Centre location and excellent sustainable connections to the site this is considered an appropriate provision.

Cycle Parking

- 2.8 Lower Campfield will be provided with 27 secure cycle parking spaces in the adjacent Castlefield House.



3.0 Development Proposals – Upper Campfield

Existing Use

- 3.1 The Upper Campfield Market building is currently vacant and is listed as in need of renovation and refurbishment by MCC. The building is currently served by multiple entrances from road level on all street facades and has a narrow vehicular access point off Barton Street (servicing / deliveries only).

Development Proposals

- 3.2 Upper Campfield will be refurbished and converted into a modern studio and workstation space for media, digital and creative industries to generate new employment in these areas. The main pedestrian entrance to the site will be from Liverpool Road, on the southern elevation. The description of the development proposals for Upper Campfield are detailed below:

Ground Floor

- 5 studio spaces and 7 Edit suites (total 842 sqm); and
- Delivery loading Bay off Barton Street.

Mezzanine Floor

- 3 x creative workspaces (total 517sqm).

- 3.3 The expected / maximum occupancy for Upper Campfield will be 241. However, this is a worst-case and average daily occupancy is anticipated to be less than this figure.
- 3.4 The development proposal floor layouts for Upper Campfield are given in **Appendix A**.

Parking

- 3.5 Upper Campfield will not provide any car parking provision. Due to the City Centre location and excellent sustainable connections to the site this is considered an appropriate provision.

Cycle Parking

- 3.6 Upper Campfield will provide seven secure cycle parking spaces in the adjacent Castlefield House.



4.0 Waste Forecasts

Overview

- 4.1 This section of the report outlines the management of waste. Waste forecasts are discussed before the site's refuse storage provision is detailed and subsequent waste transfer strategy.

Policy Context

- 4.2 Manchester City Council (MCC) have published guidance on the design and management of buildings to produce waste management strategies that maximise the amount of waste that is recycled. This guidance GD04 requests that a Waste Pro Forma is completed to support development applications and this is presented in **Appendix B**.
- 4.3 To achieve high recycling rates, it states that all refuse should be separated at source and stored off the highway in purpose-built refuse stores minimising the distance to collection thus reducing the opportunity for spillage.
- 4.4 In accordance with Section 34 of the Environmental Protection Act 1990, the manager of the development has a legal 'Duty of Care' to ensure that waste is securely stored and disposed of legally. The most convenient way to achieve this is by using a registered waste carrier.
- 4.5 The Waste (England and Wales) (amendment) Regulations 2012 has introduced changes and updates that affect both waste producers and waste management companies alike. These include the need to separate wastepaper, metal, plastic and glass in different waste streams.
- 4.6 Another change will be the obligatory use of SIC codes in all documentation relating to waste management services and a compulsory commitment from waste producers to adhere to the waste hierarchy as described below:



- 4.7 To demonstrate compliance with regulations, a Waste Transfer Note is required when that waste is collected by the waste carrier. This may be provided electronically. Many carriers are also able to provide environmental reports to inform on the waste management performance.
- 4.8 Interventions are needed in all stages of the process to minimise waste going to landfill. The minimisation of waste and recycling interventions by the management company can help meet MCC's and the government's aspirations.
- 4.9 The waste collection would be overseen by the management company for the development and they would appoint a licenced waste carrier to remove the waste. The management company would have responsibility to ensure the internal and external areas are kept clean and to move the bins in coordination with the occupiers. Refuse store areas would also be subject to appropriate ventilation.
- 4.10 All new developments must meet the requirements of Part H6 of the Building Regulations 2000 (solid waste storage) which states:
- Adequate means of storing solid waste shall be provided; and
 - Adequate means of access should be provided for people in the building to the place of storage, and, from the place of storage to a collection point agreed by the waste collection authority.

Waste Streams

- 4.11 The four waste streams for the proposed development will be as follows:
- Pulpable Recycling (paper / cardboard);
 - Plastic / Metal / Glass recyclables;
 - General Refuse; and
 - Food / Organic Waste.

Waste Calculations

- 4.12 The waste forecasts for Upper and Lower Campfield have been calculated, with typical waste generation rates based on national guidance B55906:2005.
- 4.13 It must be noted that rates have been calculated based on maximum occupancy and hence are extremely robust. Due to the size of the development, waste will be collected on a daily basis and this has been applied to inform the waste forecast calculations.
- 4.14 The forecast of waste generation and the allocation of this waste volume per waste stream for both Upper and Lower Campfield is detailed below in **Figure B**.



Figure B – Campfield Waste Forecasts

Upper & Lower Campfield Waste Forecast						
v2 15.09.23						
Lower Campfield - Office						
Person Forecast 605 Typical Occupancy						
Weekly Waste Forecast BS5906:2005 50 litres per employee per week = 605 persons x 50 litres per week = 30250 Litres of waste per week 6050 Litres of waste per day						
	Recycling Streams	General Refuse	Organic	Paper/ Card	Plastic/ Metal/Glass	Total
		30%	5%	50%	15%	100%
	Litres Per Week	9075	1513	15125	4538	30250
	Litres Per Day	1815	303	3025	908	
EuroBin lifts per Day		2		3	1	6
240litre bin lifts per Day			2			2
Lower Campfield - F&B Provision (inc Event Space)						
Weekly Waste Forecast BS5906:2005 75 litres per cover per week = 150 covers x 75 litres per week = 11250 Litres of waste per week 2250 Litres of waste per day						
	Recycling Streams	General Refuse	Organic	Paper/ Card	Plastic/ Metal/Glass	Total
		10%	40%	22%	28%	100%
	Litres Per Week	1125	4500	2475	3150	11250
	Litres Per Day	225	900	495	630	
EuroBin lifts per Day		1		1	1	3
240litre bin lifts per Day			4			4
Lower Campfield Retail Space						
Weekly Waste Forecast BS5906:2005 10 litres per sqm per week = 60 sqm x 10 litres per week = 602 Litres of waste per week 120 Litres of waste per day						
Recycling Streams *** Based on Typical Retail Waste Ratios		General Refuse (inc Organic)		Paper/ Card	Plastic/ Metal	Total
	***	50%		25%	25%	100%
	Litres Per Week	301		151	151	602
	Litres Per Day	60		30	30	
240litre Bin Storage		1		1	1	3
Lower Campfield Total Waste Generation						
	Recycling Streams	General Refuse	Organic	Paper/ Card	Plastic/ Metal/Glass	Total
	Litres Per Week	10501	6013	17751	7838	42102
	Litres Per Day	2100	1203	3550	1568	
EuroBin lifts per Day		2		4	2	8
240litre bin lifts per Day			6			6
Upper Campfield - Studio / Edit Space						
Person Forecast 235 Typical Occupancy						
Weekly Waste Forecast BS5906:2005 50 litres per employee per week = 235 persons x 50 litres per week = 11750 Litres of waste per week 2350 Litres of waste per day						
	Recycling Streams	General Refuse	Organic	Paper/ Card	Plastic/ Metal/Glass	Total
		30%	5%	50%	15%	100%
	Litres Per Week	3525	588	5875	1763	11750
	Litres Per Day	705	118	1175	353	
EuroBin lifts per Day		1		2	1	4
240litre bin lifts per Day			1			1

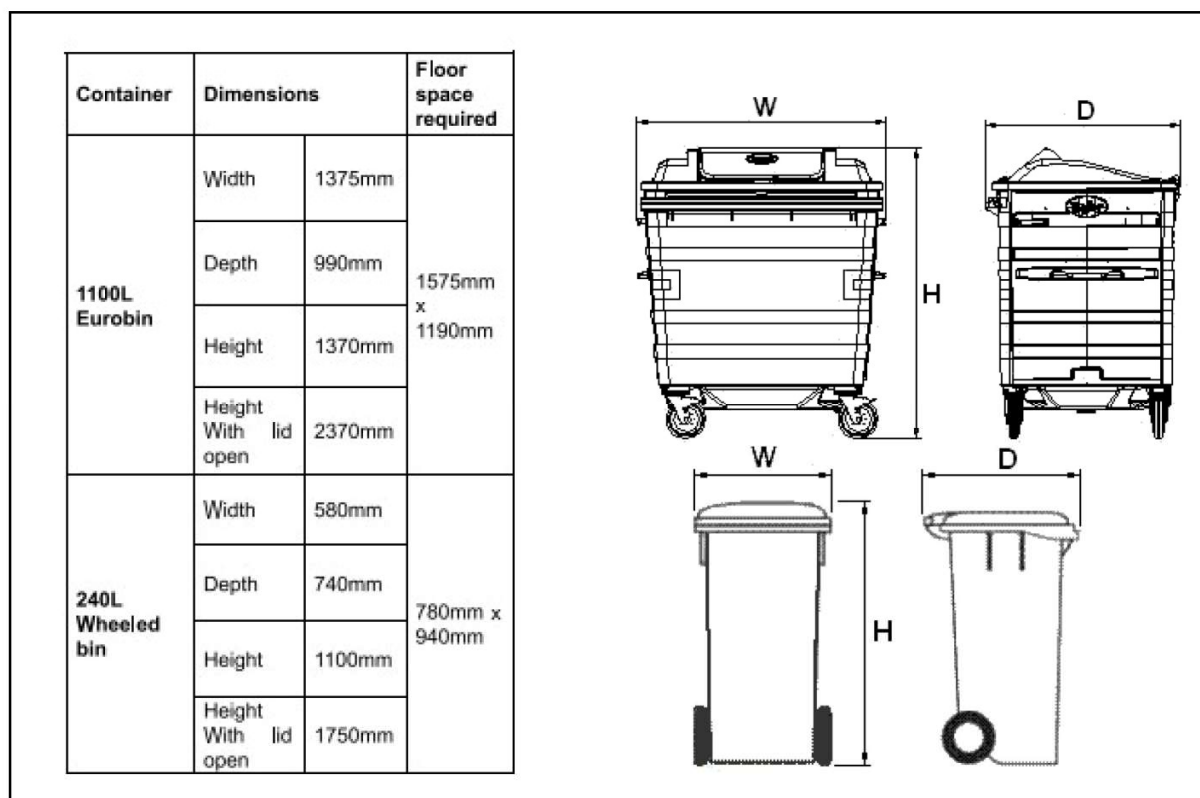


5.0 Refuse Storage

Refuse Storage

5.1 The proposed bin sizes for the development are described below in **Figure C**.

Figure C – Proposed Bin Sizes



- 5.2 As discussed, refuse collection would be made on a daily basis, with the number of refuse containers required for this arrangement described in **Figure B**.
- 5.3 If there is a large-scale event hosted on the site, there will be additional bin collections made. These 'bespoke' as required additional waste collections will be controlled via an operation statement and control from the client.
- 5.4 All bin stores would have impervious floors, bump strips to avoid damage to doors and walls, be appropriately ventilated and to assist in cleaning, the bin stores will benefit from a nearby water outlet. It will be the responsibility of the on-site management team to keep the bin stores and transfer routes clean. The bin doors are a minimum of 1.3m wide and the bins stores would be covered by CCTV to monitor activity there.
- 5.5 The bin stores are presented in the proposed layout plans at **Appendix A**. As is shown the bin stores provide suitable bin storage, in excess of the forecast daily demand for each building.



6.0 Waste Transfer & Strategy

Lower Campfield Internal Waste Strategy

- 6.1 For the office element of the proposals, office workers would take their waste to communal bins (segregated into waste streams) at multiple locations within the building and deposit their waste there. A member of staff will empty these bins on a daily basis and bring them down to the main bin store, where waste will be transferred into 1100 litre and 240 litre bins, again into the appropriate waste streams.
- 6.2 The small retail unit will transfer their waste to the main bin store themselves on a regular basis.
- 6.3 The F&B elements of the proposals will utilise a kitchen waste holding room adjacent to the prep kitchen, within the curtilage of the site. Once a day the contents of these bins held in this storage area, will be transfer to the main bin store.

Upper Campfield Waste Strategy

- 6.4 For the studio / edit suite / workspace element of the proposals, users of the site would take their waste to communal bins (segregated into waste streams) at multiple locations within the building and deposit their waste there. A member of staff will empty these bins on a daily basis and bring them down to the main bin store where waste will be transferred into 1100 litre and 240 litre bins, again into the appropriate waste streams.
- 6.5 Upper Campfield will also have a secondary bin store, labelled 'restaurant bin store'. However, this bin store is not associated with the proposals and is an existing provision that will be retained for the adjoining restaurant uses. Their collection regime will remain as existing.
- 6.6 The location of the proposed bin store for Lower Campfield is shown in **Figure D** and for Upper Campfield in **Figure E**.



The floor plan shows the following rooms and areas:

- Office 01: 112.9 m²
- Office 02: 80.5 m²
- Office 03: 91.9 m²
- Office 04: 112.9 m²
- Office 05: 80.5 m²
- Office 06: 91.9 m²
- Office 07: 41.7 m²
- Office 08: 44.3 m²
- Office 09: 29.9 m²
- Office 10: 29.9 m²
- Office 11: 29.9 m²
- Office 12: 29.9 m²
- Office 13: 29.9 m²
- Office 14: 29.9 m²
- Office 15: 29.9 m²
- Office 16: 29.9 m²
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- Office 167: 29.9 m²
- Office 168: 29.9 m²
- Office 169: 29.9 m²

TONMAN STREET

REAR

Studio 02
1,560 sq.ft

Switch Room
170 sq.ft

Comms Room
125 sq.ft

Bin Store
280 sq.ft

Hot Water Plant
150 sq.ft

Urinals/WCs
100 sq.ft

Acc. WC

Showers/Lockers
400 sq.ft

Studio 03
1,620 sq.ft

Edit Suite 01
200 sq.ft

Edit Suite 02
200 sq.ft

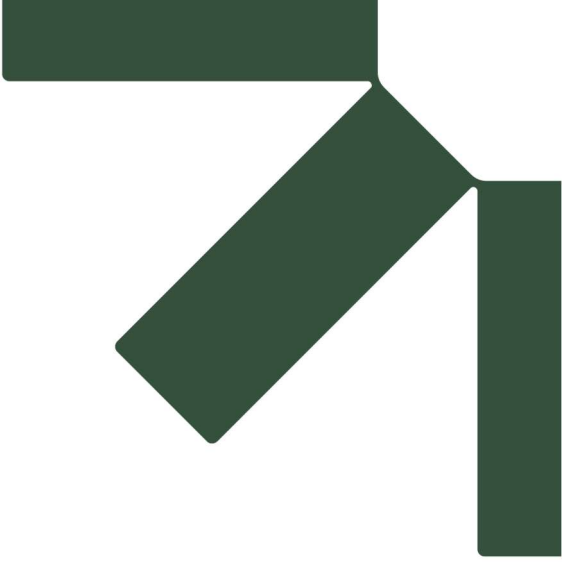
Restaurant
Bin Store
220 sq.ft

B
GS-01

6.7 The on-site management company would be responsible for taking bins out for collection. The collection point for both buildings will be on Tonman Street. The transfer routes from the bin store to the waiting refuse vehicle is also shown on **Figure D**. As is shown the transfer routes to the public highway are less than 10m.

- 6.8 It is proposed that daily waste collection will be scheduled to avoid early mornings and evenings, with waste collected during typical daytime hours. This will be conditioned as part of the proposals.
- 6.9 Waste collection would be undertaken by a licence waste carrier and overseen by the on-site management company who would ensure that the bins are only brought immediately before collection and returned immediately after.
- 6.10 In order to mitigate noise, additional planting and a levelled access from the bin store to the collection point is proposed.





Appendix A Site Plans

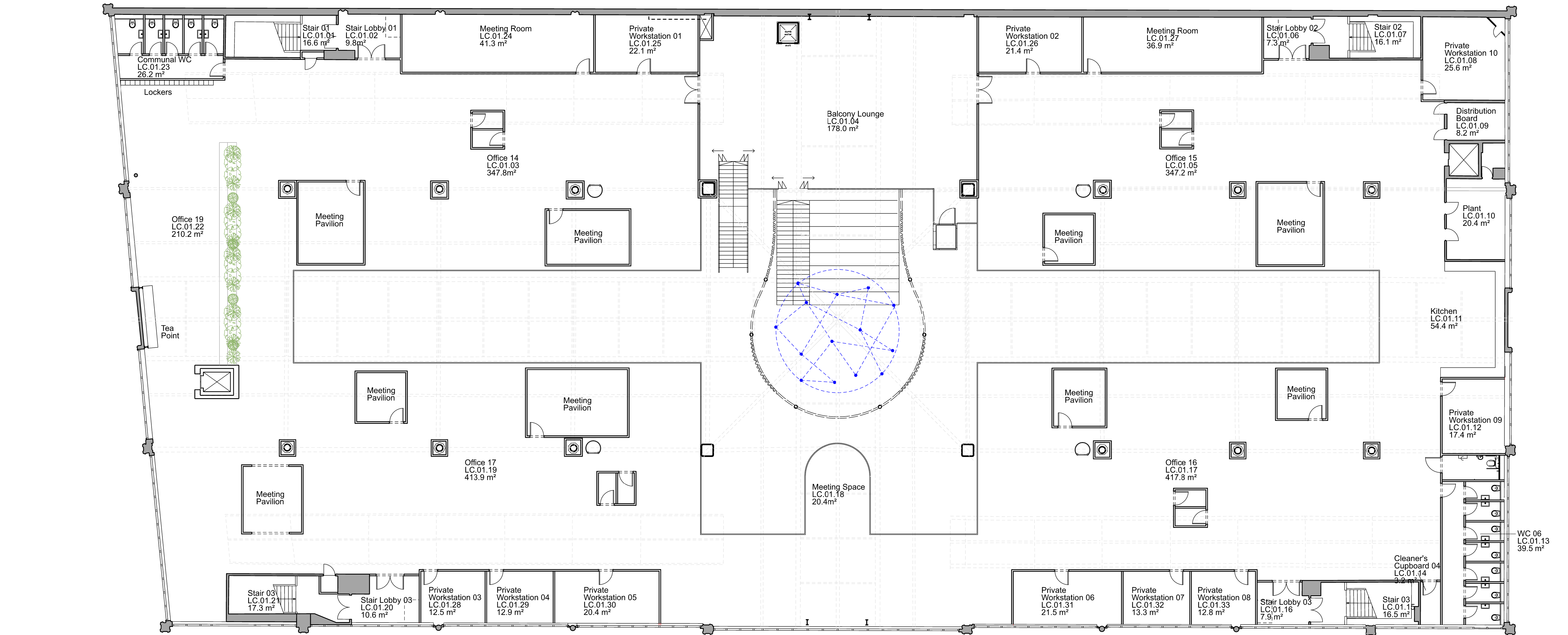
Waste Management Strategy

Upper and Lower Campfield, Enterprise City

Allied London Campfield Developments Limited

SLR Project No.: VN232776

15 September 2023

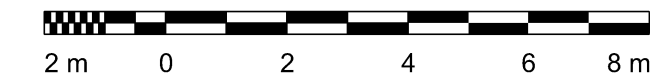
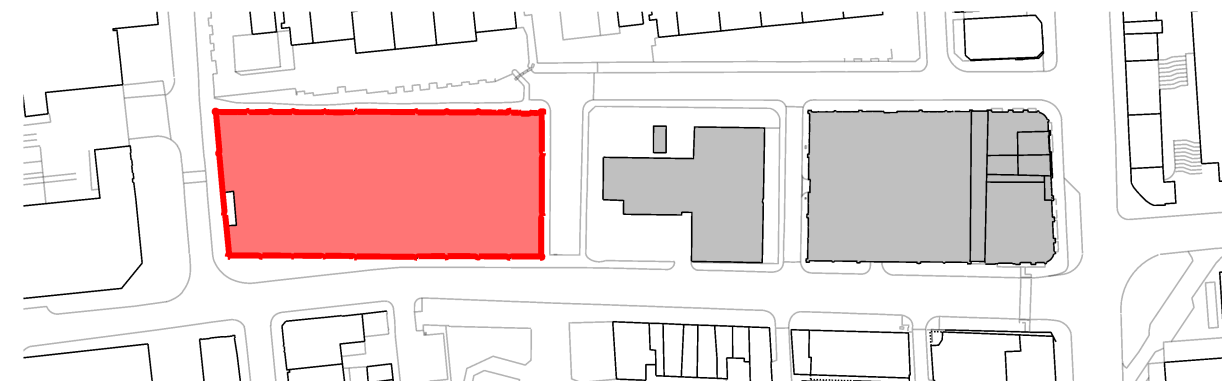


Proposed Plan - First Floor

Notes:

Do not scale from this drawing.
All dimensions are in millimetres unless otherwise noted.
All dimensions to be checked on site before proceeding with work.
All omissions and discrepancies to be reported in writing to Project 3 Architects Ltd.
Areas indicated on this drawing are approximate and indicative only.
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Rev:	Date:	Description:	By:
P01	14/07/23	First Issue	ws
P02	09/08/23	Riser added	ws
P03	14/09/23	Meeting rooms added	ws



PROJECT3
architects

4 back grafton street
altrincham
cheshire
WA14 1DY

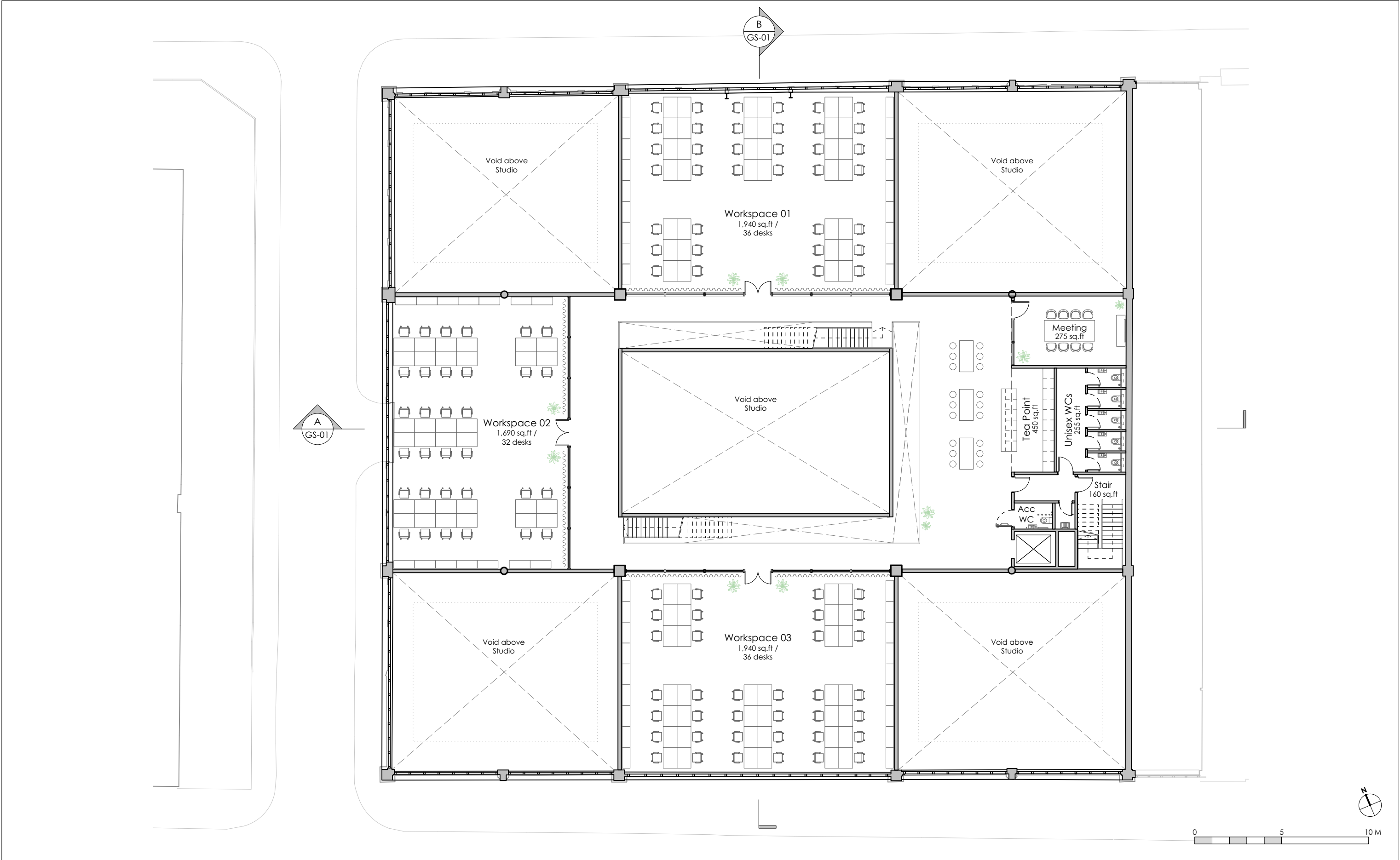
0161 233 0575
mail@project3architects.com
www.project3architects.com

Project:
Lower Campfield
Liverpool Road, Manchester
Title:
Proposed Floor Plans
First Floor
Status:
PLANNING
Drawing Number:
0774-P3A-XX-X_DR-A-05021

Scale @ ISO A1:
1:125
Revision:
P03



	DRAWING <i>PROPOSED GROUND FLOOR</i>		General Notes: All dimensions to be checked on site prior to commencement of any works, and/or preparation of any shop drawings. Sizes of and dimensions to any structural elements are indicative only. See structural engineers drawings for actual sizes / dimensions. Sizes of and dimensions to any service elements are indicative only. See service engineers drawings for actual sizes and dimensions. This drawing to be read in conjunction with all other Architect's drawings, specifications and other Consultants' information. All proprietary systems shown on this drawing are to be installed strictly in accordance with the Manufacturers/Suppliers recommended details. Any discrepancies between information shown on this drawing and any other contract information or manufacturers/suppliers recommendations is to be brought to the attention of the Architect. DO NOT SCALE FROM THIS DRAWING.
	SCALE <i>1:200 at A3</i>	PROJECT NUMBER <i>23-058</i>	
	DATE <i>Aug 2023</i>	DRAWING STATUS <i>Planning</i>	
	DWG No. <i>UC_GA-00</i>	REVISION <i>P3</i>	
PROJECT <i>Upper Campfield</i>			<i>P3</i> <i>P2</i> <i>P1</i> STATUS <i>Planning</i> <i>Planning</i> <i>Planning: Public Consultation</i> REVISION <i>13/09/23</i> <i>04/09/23</i> <i>31/08/23</i> DATE



	DRAWING <i>PROPOSED MEZZANINE FLOOR</i>	
	SCALE <i>1:200 at A3</i>	PROJECT NUMBER <i>23-058</i>
	DATE <i>Aug 2023</i>	DRAWING STATUS <i>Planning</i>
	DWG No. <i>UC_GA-01</i>	REVISION <i>P3</i>
PROJECT <i>Upper Campfield</i>		

<i>P3</i>	<i>Planning</i>	<i>13/09/23</i>
<i>P2</i>	<i>Planning</i>	<i>04/09/23</i>
<i>P1</i>	<i>Planning: Public Consultation</i>	<i>31/08/23</i>
STATUS	REVISION	DATE

General Notes:

All dimensions to be checked on site prior to commencement of any works, and/or preparation of any shop drawings.

Sizes of and dimensions to any structural elements are indicative only. See structural engineers drawings for actual sizes / dimensions.

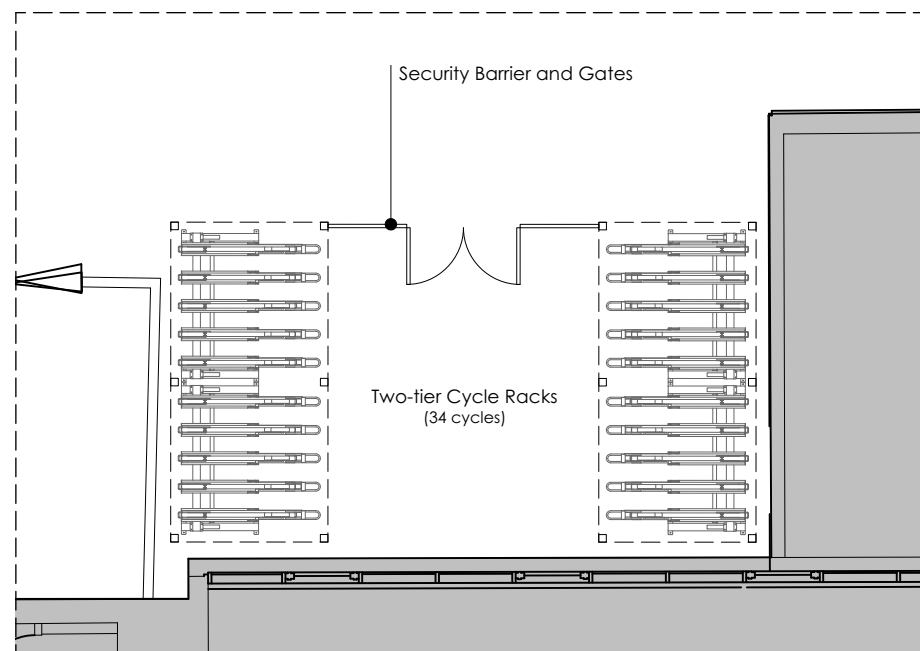
Sizes of and dimensions to any service elements are indicative only. See service engineers drawings for actual sizes and dimensions.

This drawing to be read in conjunction with all other Architect's drawings, specifications and other Consultants' information.

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Any discrepancies between information shown on this drawing and any other contract information or manufacturers/suppliers recommendations is to be brought to the attention of the Architect.

DO NOT SCALE FROM THIS DRAWING.



DETAILED PLAN
1:100 at A3

PROPOSED WORKS

- Install a secure external cycle store to the rear of Castlefield House, which serves both Lower and Upper Campfield
- Provide two levels of security - the existing fence and lockable gates, along with a new lockable enclosure around the cycle racks.
- The cycle racks will be two-tier
- Total quantity of cycle racks will be 34.

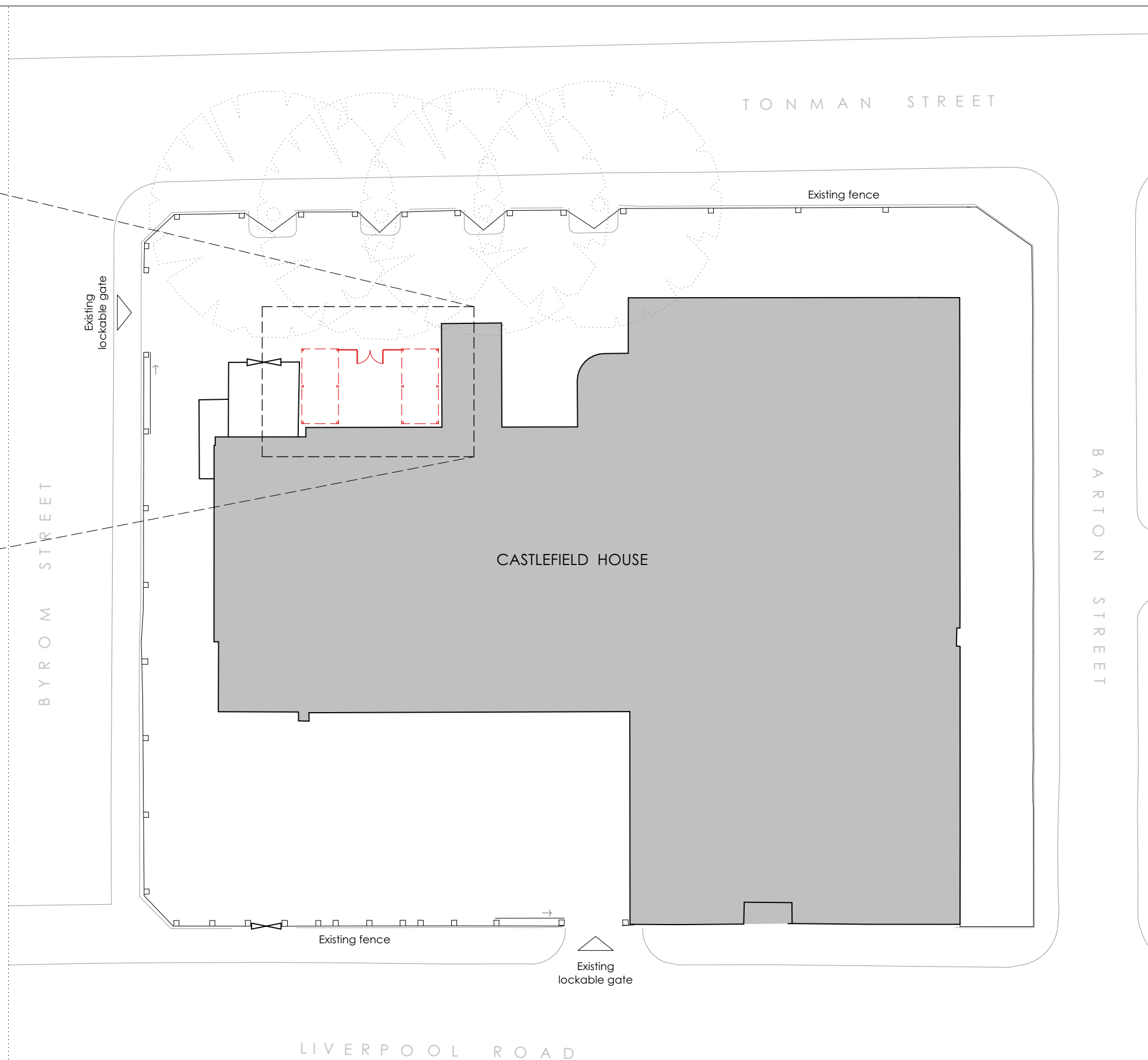


SKETCH - SK-01
Cycle Parking at Castlefield House

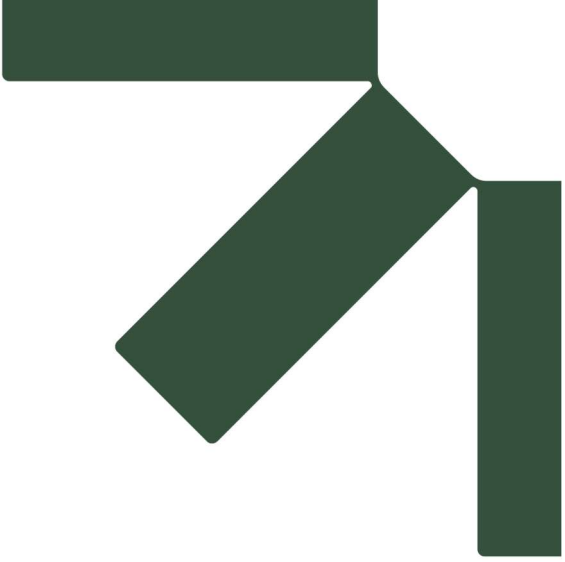
14th Sept 2023
Scales as Noted

PROJECT

Campfield Planning Submission



PLAN SHOWING PROPOSED LOCATION OF CYCLE RACKS
1:250 at A3



Appendix B Waste Pro-Forma

Waste Management Strategy

Upper and Lower Campfield, Enterprise City

Allied London Campfield Developments Limited

SLR Project No.: VN232776

15 September 2023

Appendix E Proforma for Planning Applications



MANCHESTER
CITY COUNCIL

Planning Application – Waste Management Strategy

Lower Campfield

Planning Application Number: Not available at this stage of the application.

Date Submitted: Proforma submitted September 2023.

Estimated volumes/m² required by the development

Low Rise Domestic

Waste Types	Capacity Required (litres)	Number of bins required per household	Confirm what is to be provided
General refuse	140 / 240	Not Applicable	Not Applicable
Pulpable Recycling	140 / 240	Not Applicable	
Mixed Recycling	140 / 240	Not Applicable	
Garden Waste	140 / 240	Not Applicable	
Food Waste	23	Not Applicable	

High Rise Apartment Developments

	Yes/No – how much space has been provided?
0.43m ² has been provided per apartment for the container space. Space to manoeuvre and access containers individually has also been provided so that each container can be accessed and removed for collection individually.	Not Applicable.

Commercial Development

Please state the number of bins you propose, showing calculations when appropriate.

Bin Provision						
Lower Campfield - Office						
Person Forecast 605 Typical Occupancy						
Weekly Waste Forecast BS5906:2005 50 litres per employee per week = 605 persons x 50 litres per week = 30250 Litres of waste per week 6050 Litres of waste per day						
	Recycling Streams	General Refuse	Organic	Paper/ Card	Plastic/ Metal/Glass	Total
		30%	5%	50%	15%	100%
	Litres Per Week	9075	1513	15125	4538	30250
	Litres Per Day	1815	303	3025	908	
	EuroBin lifts per Day	2		3	1	6
	240litre bin lifts per Day		2			2
Lower Campfield - F&B Provision (inc Event Space)						
Weekly Waste Forecast BS5906:2005 75 litres per cover per week = 150 covers x 75 litres per week = 11250 Litres of waste per week 2250 Litres of waste per day						
	Recycling Streams	General Refuse	Organic	Paper/ Card	Plastic/ Metal/Glass	Total
		10%	40%	22%	28%	100%
	Litres Per Week	1125	4500	2475	3150	11250
	Litres Per Day	225	900	495	630	
	EuroBin lifts per Day	1		1	1	3
	240litre bin lifts per Day		4			4
Lower Campfield Retail Space						
Weekly Waste Forecast BS5906:2005 10 litres per sqm per week = 60 sqm x 10 litres per week = 602 Litres of waste per week 120 Litres of waste per day						
Recycling Streams		General Refuse (inc Organic)		Paper/ Card	Plastic/ Metal	Total
*** Based on Typical Retail Waste Ratios	***	50%		25%	25%	100%
	Litres Per Week	301		151	151	602
	Litres Per Day	60		30	30	
	240litre Bin Storage	1		1	1	3
Lower Campfield Total Waste Generation						
	Recycling Streams	General Refuse	Organic	Paper/ Card	Plastic/ Metal/Glass	Total
	Litres Per Week	10501	6013	17751	7838	42102
	Litres Per Day	2100	1203	3550	1568	
	EuroBin lifts per Day	2		4	2	8
	240litre bin lifts per Day		6			6
Bin Store Requirements General Refuse 2 x 1100litre Eurobin Organic Waste 6 x 240 litre wheeled bin Paper /Card 4 x 1100litre Eurobins Plastic/Metal/Glass 2 x 1100litre Eurobin						
Daily Collection of Waste						

Has / will a contract be obtained with a licensed waste carrier?



Mixed Use Developments

Are the stores for residential and commercial separate from each other?	Not Applicable.
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Internal Stores (Residential and Commercial)

Please provide details of internal stores / segregation of waste and recycling.

Within Upper Campfield segregated waste bins will be located within the central areas and communal points such as kitchens. These will include the 3 main waste streams (General, Paper/Card & Plastic/Metal/Glass. In the Kitchen areas a Food Caddy will be available to take the organic waste.

Storage Areas for Waste Containers (Residential and Commercial)

Please provide details of containers stores, attaching plans if appropriate.



There is a main refuse store located on the ground floor to the north east of the building. In addition there is a waste holding area by the kitchen. This is discussed in detail within the submitted Waste and Servicing Strategy and for clarity is shown below.

The proposed development's refuse store is able to accommodate 8x 1,100 litre Eurobins and 6 x 240litre bins. Further space is available within the kitchen waste room.

Transfer Route

Waste is brought out for collection on Tonman Street

Refuse containers will be brought out immediately prior to collection and wheeled back into the refuse store immediately after collection.

Ensure all bins in the store are accessible	☒
Ensure recycling facilities are as easy to access as general refuse	☒

Please confirm details of waste store ventilation and hygiene / cleaning proposals

Ventilation – It will be ensured that the internal refuse store will be appropriately ventilated.

Hygiene – Refuse containers will be of appropriate construction, kept in sound condition, and will be easily cleaned / disinfected. Adequate facilities will be used for storing and disposing waste. The refuse store will be managed in a way that enables them to be kept clean. Waste will be disposed of in a hygienic and environmentally-friendly way, in accordance with legislation.

Please provide details of who will be responsible for placing the bins at the collection point and returning them to the store / property promptly e.g. resident / management company.

On-site Management will ensure this strategy works day to day and as such will be responsible for ensuring the refuse store is accessible on collection days. They will also wheel the various refuse containers to the adjacent collection point on collection days.

It is expected that refuse activity will be undertaken between the hours of 10:00 and 16:00 in order to minimise the noise impacts towards surrounding land uses.

Please ensure that you have attached:

Detailed plans of waste stores – Yes, please see the Waste and Servicing Strategy.	☒
Location plans showing stores – Yes, please see the plans contained in Appendix A of the Waste and Servicing Strategy.	☒
Location plans showing the proposed collection point and the route the collection vehicle will take - Yes, please see the Waste and Servicing Strategy	☒

Please ensure that you have completed this form in accordance with our GD04 Waste Storage and Collection Guidance for New Developments – Yes, this has been ensured along with the Waste and Servicing Strategy.

Appendix E Proforma for Planning Applications



**MANCHESTER
CITY COUNCIL**

Planning Application – Waste Management Strategy

Upper Campfield

Planning Application Number: Not available at this stage of the application.

Date Submitted: Proforma submitted September 2023.

Estimated volumes/m² required by the development

Low Rise Domestic

Waste Types	Capacity Required (litres)	Number of bins required per household	Confirm what is to be provided
General refuse	140 / 240	Not Applicable	Not Applicable
Pulpable Recycling	140 / 240	Not Applicable	
Mixed Recycling	140 / 240	Not Applicable	
Garden Waste	140 / 240	Not Applicable	
Food Waste	23	Not Applicable	

High Rise Apartment Developments

	Yes/No – how much space has been provided?
0.43m ² has been provided per apartment for the container space. Space to manoeuvre and access containers individually has also been provided so that each container can be accessed and removed for collection individually.	Not Applicable.

Commercial Development

Please state the number of bins you propose, showing calculations when appropriate.

Bin Provision						
Upper Campfield - Studio / Edit Space						
Person Forecast 235 Typical Occupancy						
Weekly Waste Forecast BS5906:2005 50 litres per employee per week = 235 persons x 50 litres per week = 11750 Litres of waste per week 2350 Litres of waste per day						
	Recycling Streams	General Refuse	Organic	Paper/ Card	Plastic/ Metal/Glass	Total
		30%	5%	50%	15%	100%
	Litres Per Week	3525	588	5875	1763	11750
	Litres Per Day	705	118	1175	353	
	EuroBin lifts per Day	1	1	2	1	4
	240litre bin lifts per Day					1
Bin Store Requirements General Refuse 1 x 1100litre Eurobin Organic Waste 1 x 240 litre wheeled bin Paper /Card 2 x 1100litre Eurobins Plastic/Metal/Glass 1 x 1100litre Eurobin						
Daily Collection of Waste						

Has / will a contract be obtained with a licensed waste carrier?	☒
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Mixed Use Developments

Are the stores for residential and commercial separate from each other?	Not Applicable.
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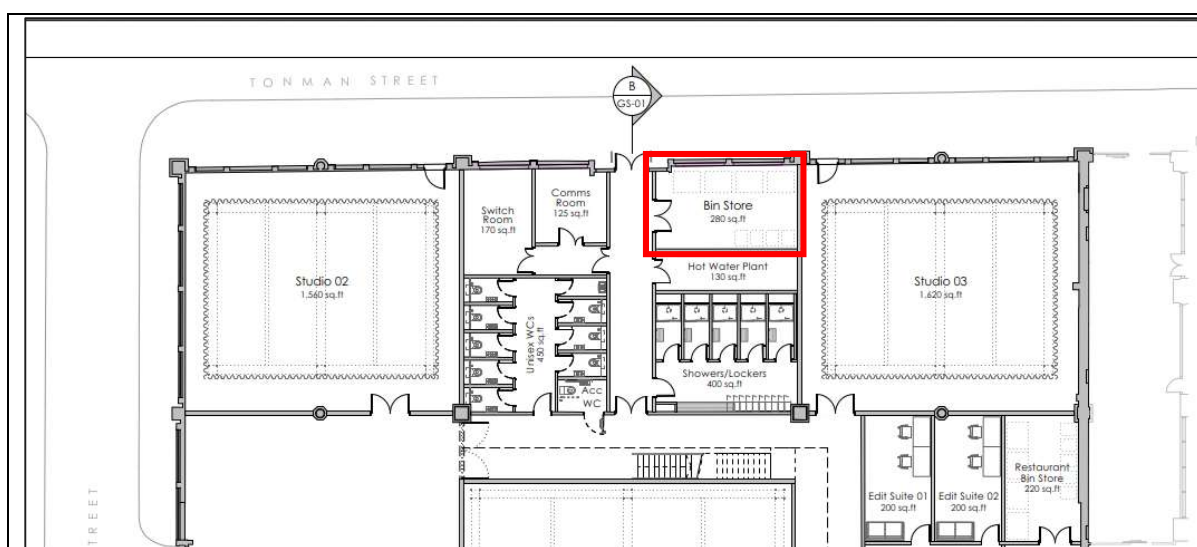
Internal Stores (Residential and Commercial)

Please provide details of internal stores / segregation of waste and recycling.

Within Upper Campfield segregated waste bins will be located within the central areas and communal points such as kitchens. These will include the 3 main waste streams (General, Paper/Card & Plastic/Metal/Glass. In the Kitchen areas a Food Caddy will be available to take the organic waste.

Storage Areas for Waste Containers (Residential and Commercial)

Please provide details of containers stores, attaching plans if appropriate.



There is one refuse store located on the ground floor. This is discussed in detail within the submitted Waste and Servicing Strategy and for clarity is shown below.

The proposed development's refuse store is able to accommodate 4x 1,100 litre Eurobins and 1 x 240litre bin. Further space is available here for ad-hoc waste items to be stored awaiting specific collection.

Transfer Route

Waste is brought out for collection on Tonman Street

Refuse containers will be brought out immediately prior to collection and wheeled back into the refuse store immediately after collection.

Ensure all bins in the store are accessible	☒
Ensure recycling facilities are as easy to access as general refuse	☒

Please confirm details of waste store ventilation and hygiene / cleaning proposals

Ventilation – It will be ensured that the internal refuse store will be appropriately ventilated.

Hygiene – Refuse containers will be of appropriate construction, kept in sound condition, and will be easily cleaned / disinfected. Adequate facilities will be used for storing and disposing waste. The refuse store will be managed in a way that enables them to be kept clean. Waste will be disposed of in a hygienic and environmentally-friendly way, in accordance with legislation.

Please provide details of who will be responsible for placing the bins at the collection point and returning them to the store / property promptly e.g. resident / management company.

On-site Management will ensure this strategy works day to day and as such will be responsible for ensuring the refuse store is accessible on collection days. They will also wheel the various refuse containers to the adjacent collection point on collection days.

It is expected that refuse activity will be undertaken between the hours of 10:00 and 16:00 in order to minimise the noise impacts towards surrounding land uses.

Please ensure that you have attached:

Detailed plans of waste stores – Yes, please see the Waste and Servicing Strategy.	☒
Location plans showing stores – Yes, please see the plans contained in Appendix A of the Waste and Servicing Strategy.	☒
Location plans showing the proposed collection point and the route the collection vehicle will take - Yes, please see the Waste and Servicing Strategy	☒

Please ensure that you have completed this form in accordance with our GD04 Waste Storage and Collection Guidance for New Developments – Yes, this has been ensured along with the Waste and Servicing Strategy.



Making Sustainability Happen