

WASTE STRATEGY

The proposed refuse store is located close to the security gates, beside the entrance lobby to the STOREX Hub and Fab Labs where any waste would be generated. This is in close proximity to the entrance to the site where any refuse vehicle would make a collection. The size of the bin store has been assessed accordingly and calculated in accordance with British Standard 5906:2005 Waste Management in Buildings code of Practice.

Operational Waste - Self Storage

British Standard 5906:2005 provides a code of practice for the storage, collection, segregation for recycling and recovery, and on-site treatment of waste. It applies to new buildings, refurbishments and conversions of residential and non-residential buildings. Table 1 of the Standard presents typical weekly waste airings and subsequent storage requirements for a variety of building types. For this scheme it has been based on office use which is calculated on the Volume arising per employee [50 litres] x number of employees. Consideration has also been given to anticipated waste arisings associated with the operation of the buildings.

STOREX customers are prohibited from leaving their waste on Site. Therefore, the only waste generated from the Site is from the front desk and business centre within the building. Working on the assumption that circa two employees are present on site on an ongoing basis, and based on the BS 5906:2005 weekly arisings for offices, an estimated 100 litres / week is predicted. Using the WRAP conversation factor for co-mingled (plastic bottles, news & prams, cardboard, mixed cans and glass) of 84kg/m3 (as measured from samples taken from 240 litres wheeled bins); the total weekly arisings are estimated to be 8.4kg; equating to 0.4 tonnes over the course of the year.

OPERATIONAL WASTE - Fablabs

Consideration has been given to anticipated waste arising, associated with the operation of the Fablabs. Based on the BS 5906:2005 Table A.1 recommends:

Light Industrial (non-food) waste generation: 50 litres per employee per week. It is assume there will be a max of 40 employees as such 2000l would be required.

Total Waste
As such with 100L assumed for the shop and 2,000L for the Fablabs, a total of 2,100L a week is predicted. The scheme will provide for 2,440 litres.

WASTE MANAGEMENT

The waste produced will be sorted into 3 bins, those being Dry Recyclables (1 x 1100 litre for paper, plastic, metal, glass) Food waste (1x240 litre) and residual/black bin waste (1 x 1100 litres).

This aligns with the London plan policy SI 8 Waste and Haringey Council's Waste Guidance Note which also notes 50% of storage capacity must be allocated to recycling. The scheme will provide 55%.

NOTE:

The path between the bin store and the collection point will be enhanced with drop kerbs to ensure ease of movement. Bins will be moved to the collection point on bin day from the bin store by store operatives. Max 6.5m drag for local authority collection operatives.

BIN COLLECTION DAY PROTOCOL.

On bin collection day the store operatives would move the bins from the bin store to the collection point outside of the shop. The refuse collection vehicle (RCV) will park just outside the shop. The drag for the bins will be 3m. Once the bins have been emptied into the RCV, the building management team will return these empty bins back to the bin store. The RCV will then pull away continuing down Lawrence Road.



Vehicle Collection point.

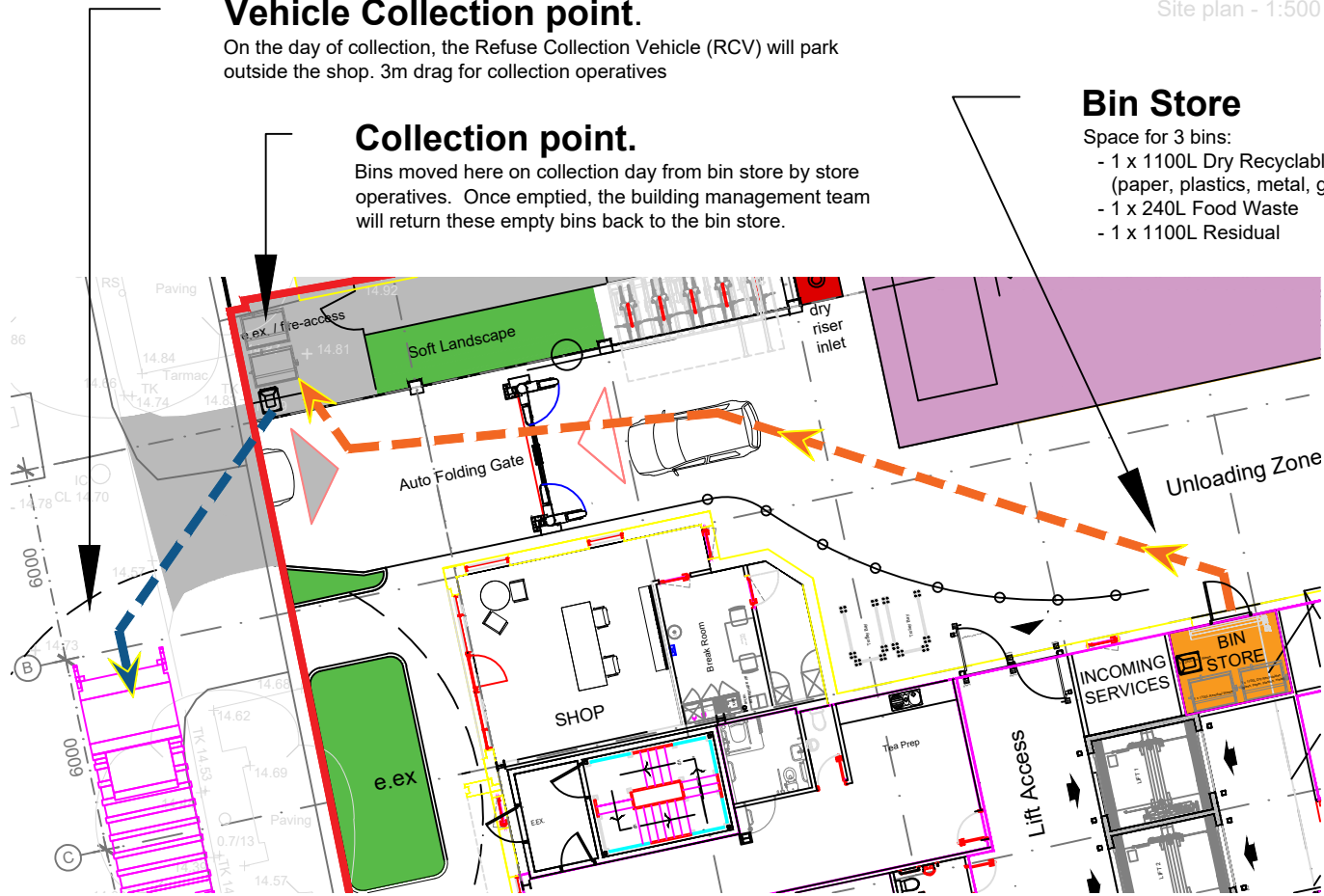
On the day of collection, the Refuse Collection Vehicle (RCV) will park outside the shop. 3m drag for collection operatives

Collection point.

Bins moved here on collection day from bin store by store operatives. Once emptied, the building management team will return these empty bins back to the bin store.

Bin Store

- Space for 3 bins:
- 1 x 1100L Dry Recyclables (paper, plastics, metal, glass)
 - 1 x 240L Food Waste
 - 1 x 1100L Residual



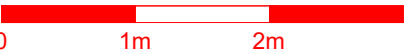
NOTES	ORIGINAL A3
All levels and dimensions to be checked on site prior to construction / fabrication; report discrepancies immediately. Do not scale dimensions from this drawings. This drawing is copyright protected.	

REVISION			
A	290925	Undercroft updated	AF
B	271025	Staircores updated	AF DA
C	27.7.26	Room Plan added.	



Bin Store Plan scale: 1/50

SCALE 1:50



SCALE 1:200



SCALE 1:500



PLANNING

SCALE	DATE	DRAWN	CHECKED
1:200/500	SEP'25	AF	DA

PROJECT
STOREX SELF STORAGE
Lawrence Road, Tottenham
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DRAWING
REFUGE STRATEGY
AS PROPOSED



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DRAWING No.
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