

From: Philip Elliott
Sent: 17 October 2023 17:06
To: Philip Elliott
Subject: FW: HGY/2023/2306 - Response to waste comments

From: Hannah Cox
Sent: Tuesday, October 17, 2023 9:45 AM
To: Philip Elliott
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Hi Phil

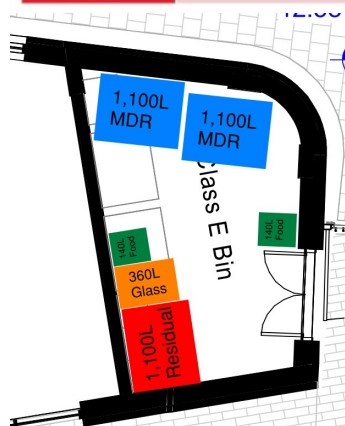
In response to the comments made by the NIwa & Waste Strategy Manager on 3rd October, Arup and F3 have reviewed the commercial waste stores and can confirm that the stores would not need to be resized to accommodate four days waste. Their response is copied below.

Kind regards
Hannah

Commercial waste

- According to the DAS p.g. 154 commercial waste calculations are based on 2 days storage and refuse and recycling are to be collected daily. We accept that commercial waste collection companies can provide up to twice daily collections, 7 days per week, however we would advise against sizing of the bins store and number of bins based on minimum size/number and maximum collections. The store should be sufficient space to store waste for at least 4 days. Four days waste can be accommodated. No additional bins would be required for the southwest bin store. One additional 1,100 litre Eurobin and one additional 140 litre wheelie bin would be required (for MDR and food waste respectively). The updated requirements are shown below in the right hand tables and the image below shows that the additional bins for the northeast store can be accommodated without increasing the size of the store

Northeast bin store commercial two-day waste storage					Northeast bin store commercial four-day waste storage		
Waste Stream	Uncompacted Waste (m³)	Waste container		Space required (m²)	Waste Stream	Uncompacted Waste (m³)	Waste container Description
		Description	Number Required				
Residual	0.44	1,100 litre bin	1	3.55	Residual	0.88	1,100 litre bin
MDR	0.78	1,100 litre bin	1	3.55	MDR	1.56	1,100 litre bin
Glass	0.03	360 litre bin	1	1.50	Glass	0.05	360 litre bin
Food Waste	0.11	140 litre bin	1	1.00	Food Waste	0.23	140 litre bin
Total	1.36	-	4	9.60	Total	2.73	-



Southwest bin store commercial two-day waste storage					Southwest bin store commercial two-day waste storage		
Waste Stream	Uncompacted Waste (m³)	Waste container		Space required (m²)	Waste Stream	Uncompacted Waste (m³)	Space required (m²)
		Description	Number Required				
Residual	0.17	1,100 litre bin	1	3.55	Residual	0.35	3.55
MDR	0.10	1,100 litre bin	1	3.55	MDR	0.19	3.55
Glass	0.02	360 litre bin	1	1.50	Glass	0.03	1.50
Food Waste	0.07	140 litre bin	1	1.00	Food Waste	0.14	1.00
Total	0.35	-	4	9.60	Total	0.71	9.60

- In the WMP there is reference to specialist waste streams such as WEEE, batteries and lightbulbs which will require the site to be licenced or have exemptions for such waste so evidence of this should be available if requested once the development is inhabited. The developer has confirmed that any waste from maintaining lawns, trees, hedges and flower beds will be disposed of by the appointed contractor. **Noted**

Purpose built student accommodation (PBSA)

- As outlined in the Waste management plan it is proposed that student accommodation waste is collected weekly and storage space has been provided in accordance with the generation rates provided by LBH waste officers with one bedroom counted as one dwelling (see attached email for agreed calculations). Space has also been provided for food waste storage and for bulky waste. Student waste stores are provided for each core unit for students to deposit their waste. The waste from the PBSA blocks A,B & C will be consolidated to a single area accessible from Brunswick Place for collection. These measures are acceptable and meet or requirements. **Noted**



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