

## 8.9 WASTE MANAGEMENT STRATEGY

### 8.9.1 HOTEL

The **waste management strategy** has been prepared in collaboration with Buro Happold. Waste will be segregated at source into at least the following streams, in line with good segregation practices in this type of venues:-

- General waste
- Mixed recyclables (metals and plastics)
- Glass
- Cardboard and paper
- Food waste
- Bulky items (furniture, equipment etc.)
- Specialist wastes (hazardous wastes such as empty chemicals, lightbulbs, WEEE, cooking oils, hygiene waste etc.)

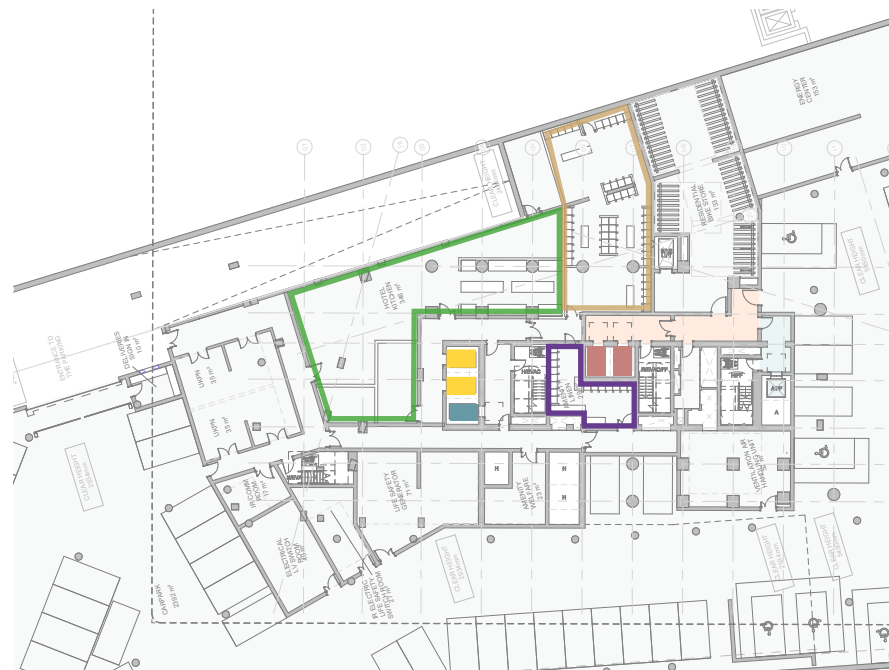
Wastes will be segregated and captured at the point of generation. Small bins or receptacles with waste liners will be used in these areas. Main areas will be:

- Staff areas (Kitchens, offices and admin areas, housekeeping areas etc.)
- Guest areas (Guestrooms, lobbies, guestroom facilities such as Spa and Gym etc.)

Housekeeping staff will collect wastes from these areas daily and move them to a dedicated centralised waste storage room at ground floor. Dedicated service lifts will be used to transport waste from the upper levels to the basement waste room.

Once in the centralised waste storage room, bagged waste will be deposited in Eurobin-type containers. 1,100 litre bins are proposed for general waste, mixed recyclables and cardboard / paper. Smaller 2-wheeled bins are proposed to be used for Glass and Food waste. This would ensure that bin weights are kept low to mitigate occupational health risks.

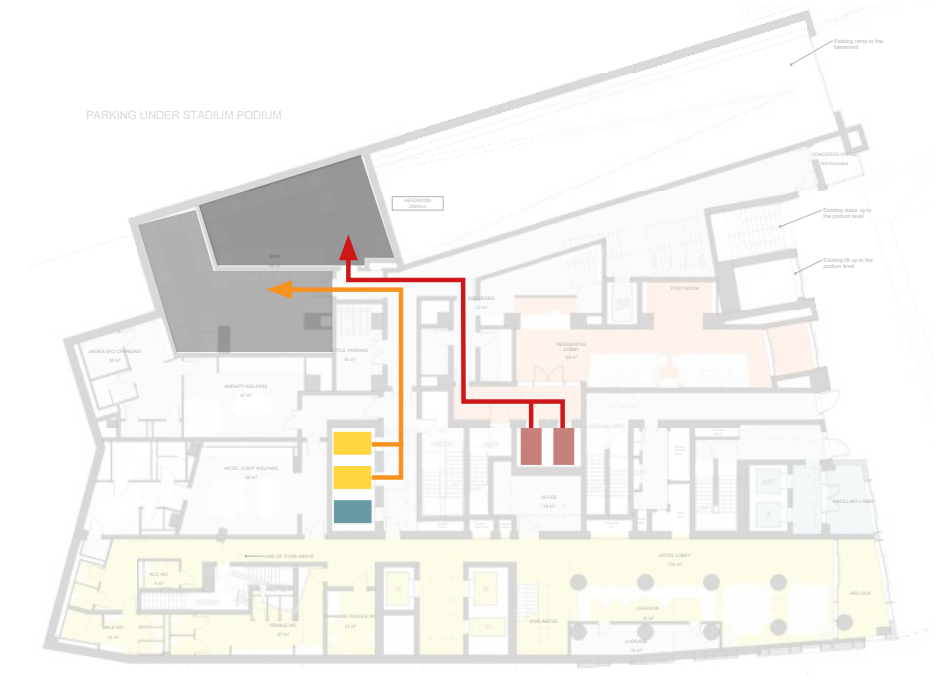
The storage requirements of the centralised waste store have been estimated based on waste generation data and rates derived from existing Hotels of similar rating and capacity. Sufficient storage capacity will be provided in the waste storage room for c. 2 - 3 days' worth of storage. This assumes a collection frequency of c. 3 times per week. Designing for this collection frequency is considered good practice and a robust assumption to use as basis of design.



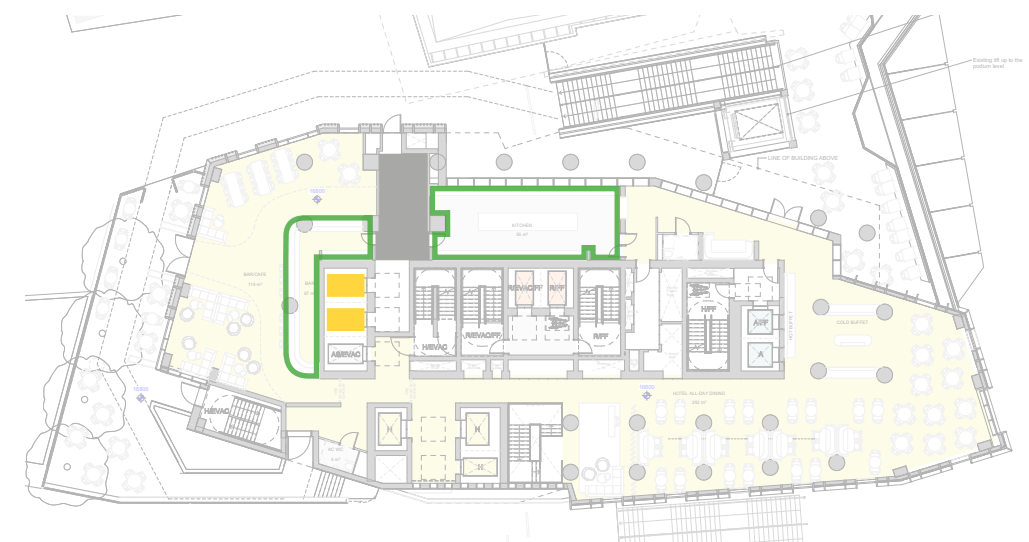
**FIGURE 360.** Basement Floor Plan Waste Management Diagram

#### KEY

- Hotel
- Residential
- Shared Amenities
- Back of House / Plant
- Residential Waste Storage Room
- Hotel/Amenity Waste Storage Room
- Refuse/Presentation Area
- Amenity Service Lift
- Hotel Service Lifts
- Residential Lifts
- Residential Intermediate Waste Storage Room
- Linen Storage room
- Kitchen



**FIGURE 361.** Ground Floor Plan Waste Management Diagram



**FIGURE 362.** First Floor Plan Waste Management Diagram