



114 ADELAIDE ROAD, NEWTOWN

WELLINGTON CITY 6021

WASTE MANAGEMENT PLAN



PREPARED BY:
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Document History:

Revision	Date	Revision Details	Typist	Approver
A	22.04.21	Resource Consent	IPG Corporation	IPG Corporation

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1.0 Executive Summary:

This report has been provided to describe and clarify the long-term waste management strategy and solution for 114 Adelaide Road, Newtown.

The report takes into consideration the amenity of pedestrians along the footpath of Adelaide Road and provides a clear solution that mitigates any vehicular stopping or parking along the footpath to the proposed site.

This report outlines:

- The estimated volume of rubbish and recycling generated at maximum capacity.
- Details of the service to be provided by a rubbish collection service to meet the volumes estimated.
- A Waste Management Plan (WMP) that does not require vehicle stopping adjacent the apartment complex or block the footpath during times of collection.
- A Waste Management solution that avoids congestion along the neighbouring streets.

The development is an apartment complex consisting of 35 rooms in total - a combination of studios, one and two-bedroom units.

Restaurant, bar, kitchen space, bicycle storage and private apartment entrance occupy the Ground Floor area, and levels 01 - 07 consist of only apartment living space.

A driveway along the eastern boundary line provides access to the roundabout drop off area, rubbish storage area and robotic car parking system in the basement.

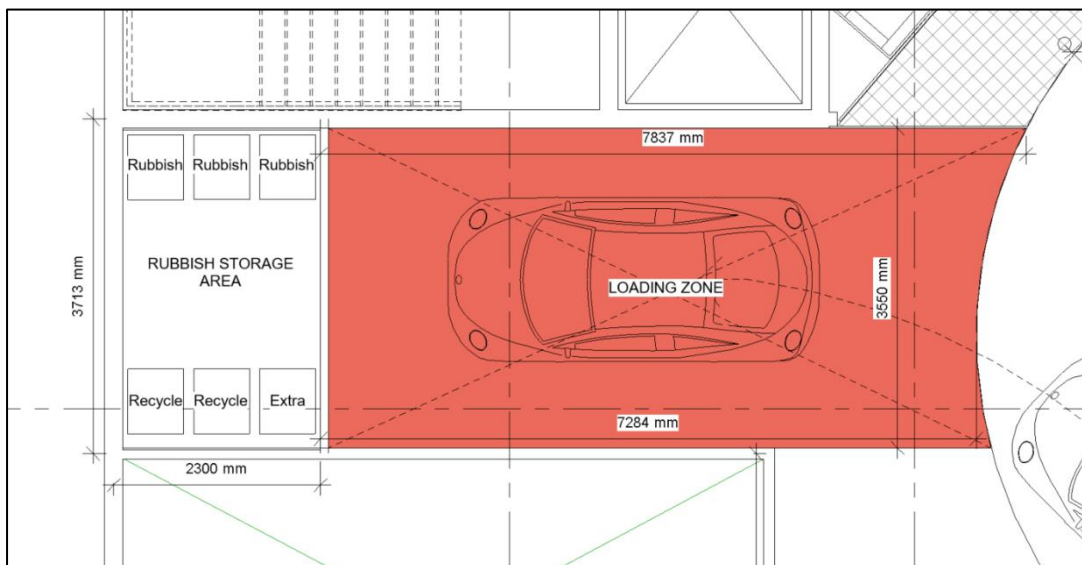
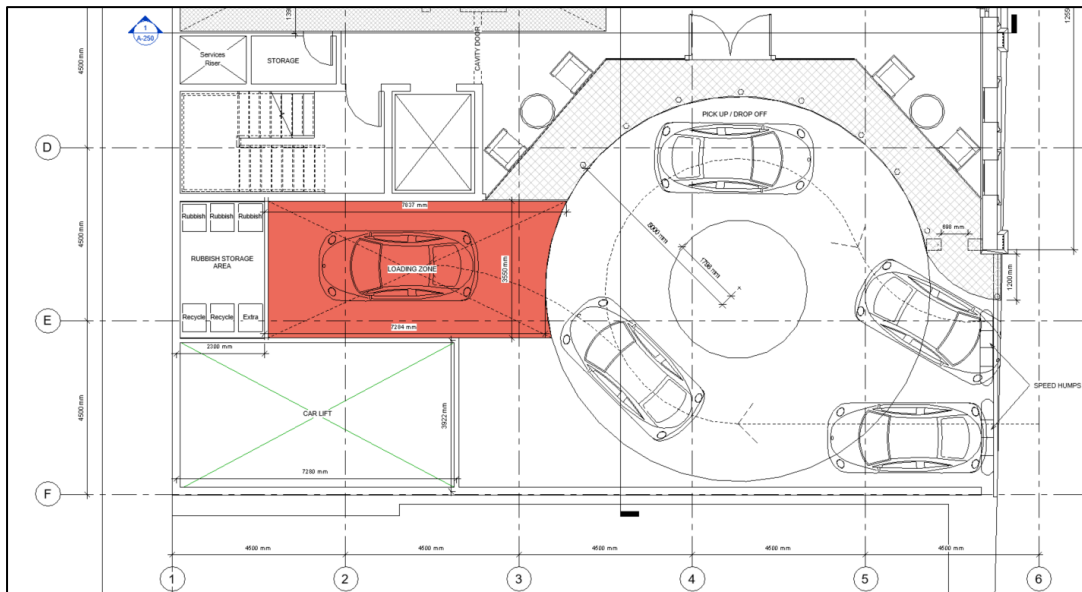
Refer to the partition plans included in this RC application for further layout information.

2.0 Site and Development Details:

- a) This apartment complex is located at 114 Adelaide Road, Newtown, Wellington 6021.
- b) Comprising of:
 - Robotic car parking system
 - Restaurant and bar
 - Kitchen space
 - Internal roundabout
 - Rubbish storage area
 - Bicycle storage area
- c) Levels 01-07 consist of 35 residential apartments, ranging from studios to two-bedroom apartments.

3.0 Access and Entry:

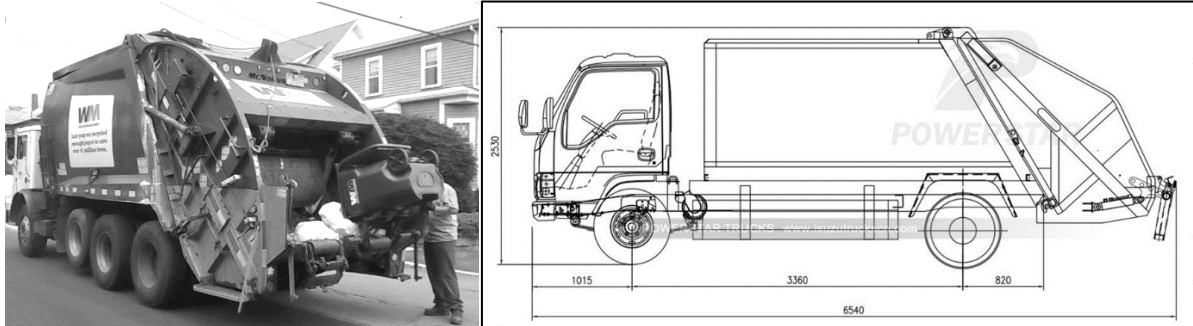
The collection truck will gain access to the rubbish storage area via the vehicle entrance from Adelaide Road. The truck can park in the loading zone provided inside of the building envelope (shown in yellow below) when collecting rubbish:



4.0 Truck Specifications:

Final information regarding truck specifications will be provided by the chosen bin collection company.

Based on the traffic layout at Ground Floor level, a rear-loading collection vehicle is advised for this site. Recommended truck size shown below for consideration:



5.0 Health and Safety:

The chosen bin collection company will be required to put appropriate measures in place to ensure safety of the residents and staff working on this site. Recommended measures are as follows:

- Collection trucks to be fitted with reversing cameras.
- Reversing alerts are fitted on all trucks.
- All drivers have been trained in Health & Safety and must implement Health & Safety policies at all times.
- The chosen bin collection company must endeavour to avoid servicing the complex at peak times.

6.0 Refuse Demand:

Expected volumes of waste produced by the activities on site are:

Area	Occupancy	Floor Area (m2)	Rubbish (litres per day)	Recycle (litres per week)
1 Bedroom Apartments, 2 Bedroom Apartments and Studios	93		465	279
Kitchens + Restaurant + Bar (Hospitality)	70		200	80
		Total Rubbish	665	359

Estimate of total waste volumes per day:

- Rubbish – 665 Litres per day
- Recycling (including cardboard) – 359 Litres per day

To service these waste volumes, the bin collection company will need to provide:

3 x 240 litre **Rubbish** bins, which are required to be emptied daily.

2 x 240 litre **Recycling** bin, which are required to be emptied daily.

As part of providing the rubbish collection service for the apartment complex, the bin collection company must also:

- Provide bins that include lids to reduce odours, and ensure they are made of high-grade plastic so they are easy to clean.
- clean the lids of the bins to ensure bins are maintained at a high standard for staff and residents.
- Provide bins that are manoeuvrable.
- Provide pictorial signs for staff and residents to nominate the difference between waste and recycling bins.

7.0 Food Waste Recycling:

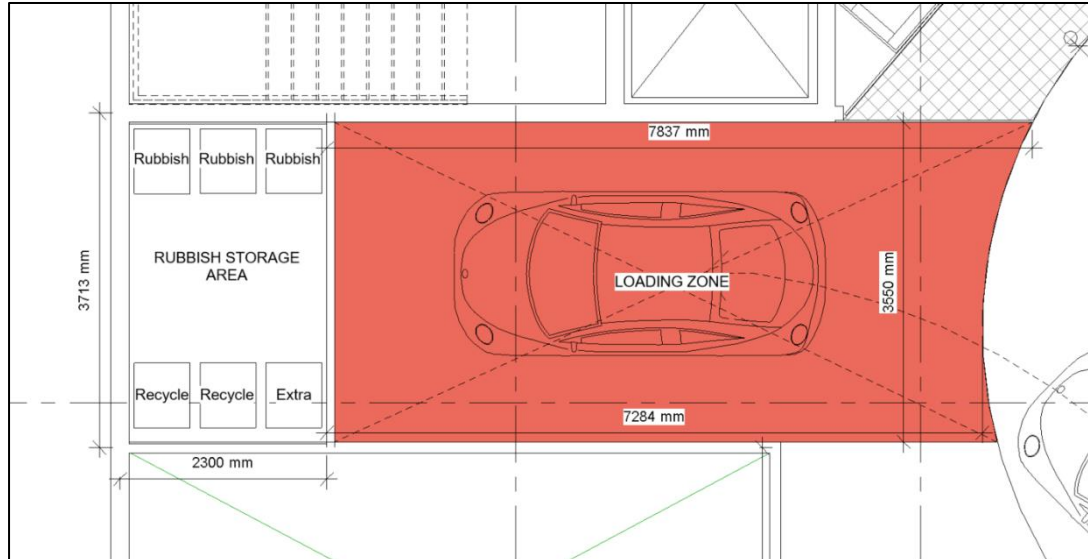
Based on the findings in the Auckland Waste Management and Minimisation Plan June 2012; “food waste makes up 40% of an average bag / bin in Auckland” (Auckland Council Waste Assessment, October 2010).

As there are kitchens included within the apartments, a commercial kitchen located at Ground Floor, and a restaurant/bar/café space, it is recommended a food waste service is included for this site.

8.0 Refuse Area:

There will be one refuse area (rubbish storage area) located on site adjacent to the loading zone provided inside the building envelope. Access to this area will be provided to both residents and kitchen / restaurant staff.

The rubbish storage area is approx. 8.5 meters squared, consisting of three rubbish bins, two recycling bins and additional space for extra bins should they be required:



9.0 Hours of Collection:

Hours of collection are during the day, preferably around 12pm so as not to disturb residents during the early morning and evening hours.