

WASTE MANAGEMENT PLAN – PROPOSED CHILD CARE PREMISES

2A & 2B BROADHURST CRESCENT & 1 ISLIP COURT, BATEMAN

1 INTRODUCTION

This waste management plan (**WMP**) has been prepared to outline the waste management practices for the child care premises proposed at 2A & 2B Broadhurst Crescent & 1 Islip Court, Bateman, having regard to the provisions and criteria of the City of Melville's *Local Planning Policy 1.3: Waste, Recycling and FOGO Collections for Multiple Dwellings, Mixed Use Developments and Non-Residential Developments (LPP1.3)*.

2 LOCATION

The child care premises will be located at 2A & 2B Broadhurst Crescent & 1 Islip Court, Bateman. Refer to **Figure 1** below, which depicts the site and surroundings.



Figure 1: 2A & 2B Broadhurst Crescent & 1 Islip Court, Bateman (image source Nearmap)

3 DETAILS OF CHILD CARE PREMISES

The child care premises will cater for the education and care of up to 107 children, and is proposed to operate 6:30am-6:00pm on weekdays. The facility includes:

- A building comprising 707sqm of gross floor area (**GFA**) at the ground floor and 896sqm of outdoor play area, meeting regulatory requirements for child care licensing.
- A basement car park with 6.3m wide crossover to Islip Court, designed to cater for the movements of an 8m long waste collection vehicle.
- A 27.3sqm bin storage area located within the basement car park, accessible via an internal pathway linking from the lift lobby.

The site plan for the child care centre is provided at **Appendix 1** for reference.

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4 DETAILS OF WASTE GENERATION AND COLLECTION

4.1 WASTE GENERATION

The waste generation rates adopted for the proposed child care premises are as follows:

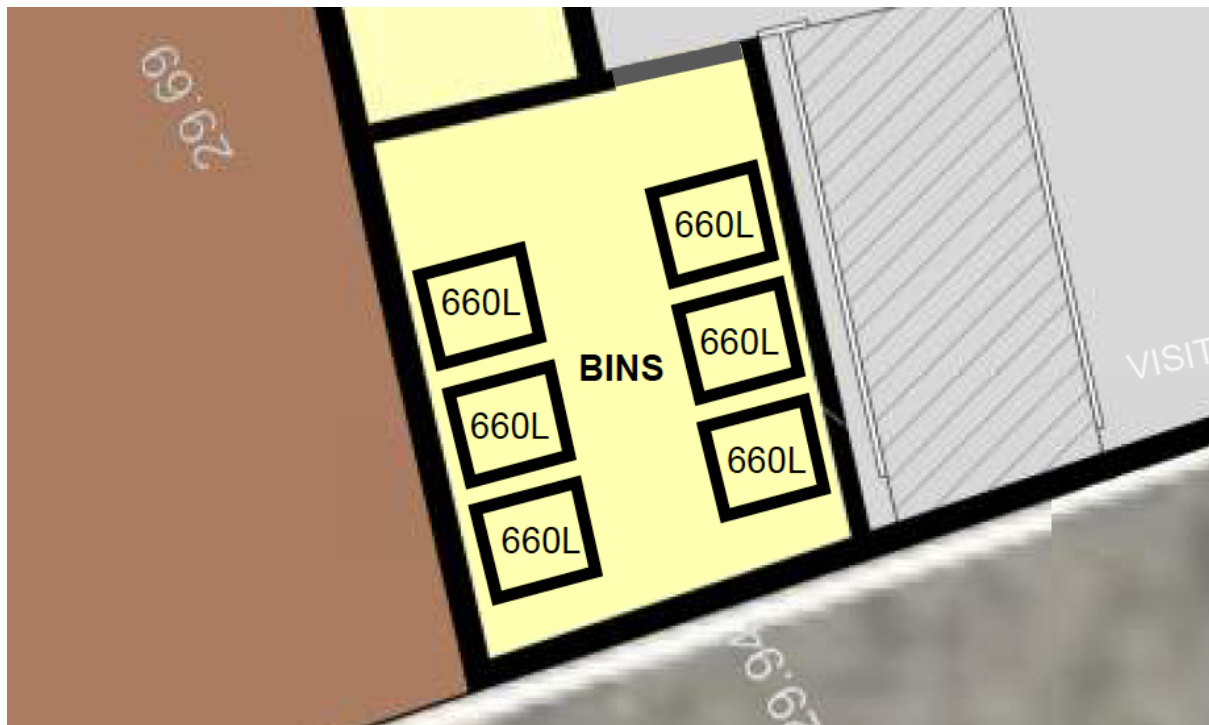
- Garbage: 350L / 100sqm / week
- Recycling: 350L / 100sqm / week

Having regard for the above rates, the weekly waste generation volumes are calculated as follows based on Monday-Friday (five days) operation:

- Garbage: 1,768L / week
- Recycling: 1,768L / week

4.2 WASTE STORAGE

Waste will be stored within 3x 660L bins for garbage and 3x 660L bins for recycling (total capacity of 1,980L per waste stream), which will be comfortably accommodated within the 27.3sqm bin store located at the western side of the basement car park, as depicted in the diagram below:



The bin store is integrated into the basement car park and is fully enclosed, which ensures its use reduces any risk of external amenity impact.

A doorway is provided at the northern side of the bin store allowing for easy access by centre staff via the lift lobby, and for transportation of bins to the car park by private contractor for collection.

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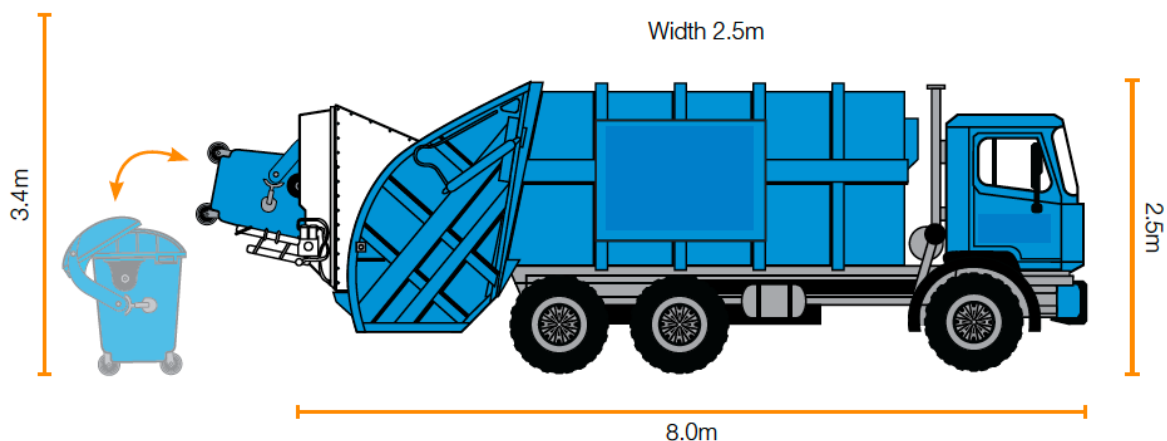
The bin store will be designed and constructed in accordance with relevant health legislation and the requirements of Section 7.4 of LPP1.3, including wash down facilities, and a graded drain which is connected to sewer.

4.3 WASTE COLLECTION

Based on the waste generation calculations in sub-section 4.1 and the waste storage arrangements in sub-section 4.2, sufficient bins are provided to accommodate waste for a standard five day week.

It is proposed to carry out two collections per week for regular waste and one collection per week for recyclables (three total).

A private waste contractor will service the facility. The private contractor will collect the waste each week utilising a rear loader waste collection vehicle of the dimensions shown in the below diagram:



A swept path diagram is provided at **Appendix 2** which depicts the satisfactory ingress and egress movements of an 8.8m waste collection vehicle, entering and exiting in forward gear via Islip Court.

As shown on the swept path diagram, the waste truck (2.5m high) will enter the site in a forward gear and drive into the basement car park (2.9m clearance available at the entrance) and subsequently perform a turnaround movement to reverse to the rear of the car park (the collection point where bins will be lifted, with 3.6m clearance). A sectional drawing is included at **Appendix 3** which depicts the composition of the car park and the clearance heights available for waste collection.

The private contractor will be responsible for transporting bins between the bin store and the collection point at the time of collection and will be provided with a pin code and/or keys of the facility for after hours access to the car park.

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In accordance with Reg.14A of the *Environmental Protection (Noise) Regulations 1997* (**Noise Regulations**), waste collection activity is required to be carried out during the following times:

- 7am and 7pm on any day that is not a Sunday or a public holiday; and
- 9am hours and 7pm on a Sunday or public holiday.

In accordance with this waste management plan, waste collection will occur three times a week (twice a week for general waste and once a week for recyclables) during the times of 6:00pm-7pm on weekdays and/or 7am-7pm on Saturdays (ie when the facility is closed). This ensures the car park is vacant for truck manoeuvring and is entirely within the times prescribed by the Noise Regulations.

5 WASTE MANAGEMENT MEASURES

To ensure efficient and effective waste management practices of the centre (which also seek to reduce potential impacts to amenity of neighbouring properties), the following best practice measures will be implemented:

- Regular consultation with the private contractors to ensure efficient and effective waste service is maintained.
- Regular washing and cleaning of the bin store to ensure it is maintained in a tidy and acceptable condition and devoid of odours.