

Waste Management Plan

16 Lowana Street VILLAWOOD

04 March 2024

1.0 GENERAL

This document comprises a Waste Management Plan for the proposed development at 16 Lowana Street Villawood. It describes three stages of waste management, Demolition, Construction and Operation.

1.1 Description of development

The subject site is within the Canterbury Bankstown City Council local government area. The proposed development is Manor House, consisting of 4 dwellings (2x2bed + 2 x 3bed). All four units are connected to the ground floor via common stairs.

2.0 DEMOLITION WASTE

2.1 General

The proposal includes a small amount of excavation to level the floor plate and for accessibility. The existing single-storey brick cottage on site will be demolished as part of the proposal. Most demolition waste material will be transported from the site to recycling or landfill depots off-site.

2.2 Off-site recycling & disposal

Details of the Waste & Recycling depots are described in the WMP template and listed here below:

Benedict Recycling Chipping Norton
Ph 02 9986 3500

3.0 CONSTRUCTION WASTE

3.1 General

The proposal is designed to minimize waste generation throughout the construction process. Our Construction Management Plan will be implemented to ensure that waste generation is kept to a minimum. This includes implementing recycling programs, promoting materials reuse, and adopting efficient packaging practices.

4.0 OPERATIONAL WASTE

4.1 General

The proposed development comprises a clear waste management system, ensuring ease of usability to the residents and compliance with the Canterbury Bankstown City Council's DCP outlined in Chapter 3, General Requirements 3.3 Waste Management.

4.2 Description of waste storage areas

The bin storage for residents is located within the front setback and accessed directly from the main entry with an easy transition for collection. The following waste bins are provided:

3 x 240L bins for general garbage
2 x 240L bins for recycling
2 x 240L bin for garden waste
Total: 7 waste bins

The waste storage area is to contain a tap and hose and is to be connected to the sewer.

4.3 Waste generation rates

The following bins per unit rates are calculated with reference to the Canterbury Bankstown City Council's DCP Chapter 3, General Requirements 3.3 Waste Management.

General waste

140L weekly per dwelling

$140\text{L} \times 4 = 560\text{L} = 3 \times 240\text{L bins}$

Recycling

120L weekly per dwelling

$120\text{L} \times 4 = 480\text{L} = 2 \times 240\text{L bins}$

Garden Waste

120L weekly per dwelling

$120\text{L} \times 4 = 480\text{L} = 2 \times 240\text{L bins}$

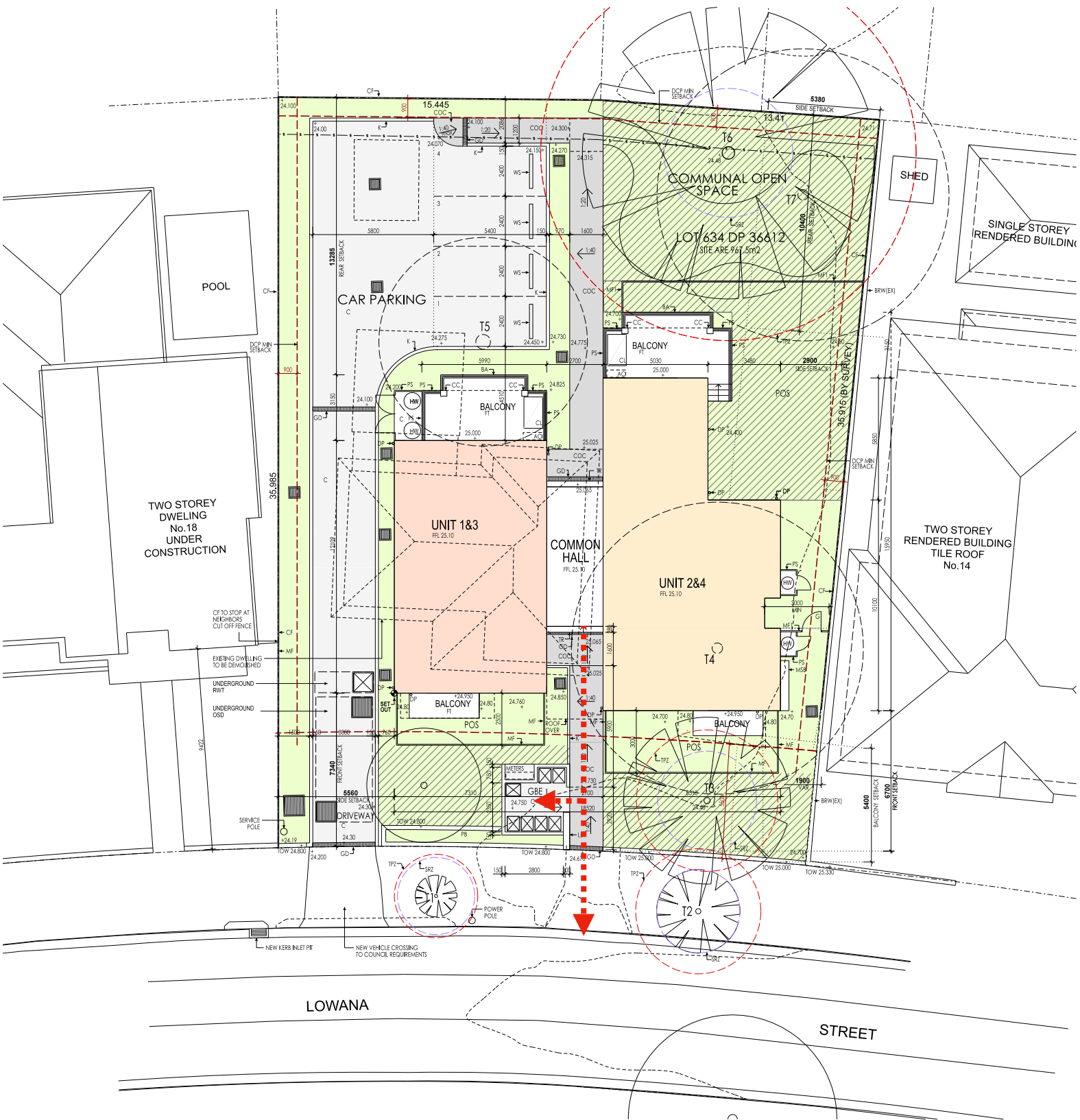
Total: 7 bins required

4.4 Waste management strategy

The residents in the apartments will utilize the common garbage storage for all general garbage, including this waste's recyclable components. All bulky waste will be contained within the POS of dwellings until collected via Council.

The collection is to be incorporated into the Council's existing weekly/fortnightly collection operations.

Refer to Figure 1 below for diagrams outlining operations and paths of travel.



1 SITE PLAN
SCALE 1:100

FIGURE 1 - GARBAGE BINS FACILITIES

WASTE MANAGEMENT PLAN FOR BANKSTOWN, BASS HILL & REVESBY WARDS



Demolition, construction and ongoing management

The applicable sections of this Plan must be completed and submitted with your Development Application. Completing this Plan will assist you in identifying the type of waste that will be generated and in advising Council how you intend to reuse, recycle or dispose of the waste. The information provided will be assessed against the objectives of the DCP. If you require assistance completing your Waste Management Plan, please contact Council's **Resource Recovery Team – Bankstown Branch on 9707 9000**.

If there is insufficient space, please provide attachments.

Site details

Site address:

Suburb:

Postcode:

Applicants details

Name:

Address:

Suburb:

Postcode:

Telephone:

Mobile:

Email:

☐ The details provided on this form are for the intention of managing waste relating to this project.

WASTE MANAGEMENT PLAN

DEMOLITION (PLEASE FILL IF APPLICABLE)

Do the works involve asbestos removal?

N/A Under 10m² Over 10m²

(If N/A or under 10m², only complete General Demolition Waste details)

Work Cover License No.

Demolition Contractor Details:

Licensed Landfill:

Tick ☐ if a demolition contractor has not been appointed. If approved, a condition of consent may be placed on the Development Application requiring the above details prior to works commencing on-site.

General demolition waste

Type of material	Amount		How will you manage this waste		
	Less than 10m ³	More than 10m ³	Reuse on-site	Recycle	Landfill
Bricks	☐	☐	☐	☐	☐
Concrete	☐	☐	☐	☐	☐
Tiles	☐	☐	☐	☐	☐
Timber (clean)	☐	☐	☐	☐	☐
Timber (treated)	☐	☐	☐	☐	☐
Asphalt	☐	☐	☐	☐	☐
Metals	☐	☐	☐	☐	☐
Plasterboard	☐	☐	☐	☐	☐
Green waste	☐	☐	☐	☐	☐
Other - specify	☐	☐	☐	☐	☐
Other - specify	☐	☐	☐	☐	☐

Principal Off-Site Recyclers:

Principal Licensed Landfill Sites:

WASTE MANAGEMENT PLAN
CONSTRUCTION (PLEASE FILL IF APPLICABLE)

Will a skip bin hire company be used?

Yes for some work Yes for all work No

Estimated total volume of waste:

Name of skip bin hire company used:

Address:

Suburb:

Postcode:

ABN Number:

Contractor License Number:

Tick ☐ if a skip bin hire company has not been appointed. If approved, a condition of consent may be placed on the Development Application requiring the above details prior to works commencing on-site.

If using a skip bin hire company for all work, please stop here.

All excavation material including swimming pools Less than 10m³ More than 10m³
Reuse on-site Reuse off-site Landfill disposal

Address if reused off-site:

Name of licensed landfill:

Address of licensed landfill:

Type of material	Amount		How will you manage this waste		
	Less than 10m ³	More than 10m ³	Reuse on-site	Recycle	Landfill
Bricks	☐	☐	☐	☐	☐
Concrete	☐	☐	☐	☐	☐
Tiles	☐	☐	☐	☐	☐
Timber (clean)	☐	☐	☐	☐	☐
Timber (treated)	☐	☐	☐	☐	☐
Asphalt	☐	☐	☐	☐	☐
Metals	☐	☐	☐	☐	☐
Plasterboard	☐	☐	☐	☐	☐
Green waste	☐	☐	☐	☐	☐
Other - specify	☐	☐	☐	☐	☐
Other - specify	☐	☐	☐	☐	☐

Principal Off-Site Recyclers:

Principal Licensed Landfill Sites:

I certify that:

- (a) any material moved off-site is transported in accordance with the requirements of the Protection of the Environment Operations Act 1997;
- (b) waste is only transported to a place that can lawfully be used as a waste facility;
- (c) generation, storage, treatment and disposal of hazardous waste and special waste (including asbestos) is conducted in accordance

with relevant waste legislation administered by the EPA and relevant Work Health and Safety legislation administered by WorkCover NSW; and

- (d) all records demonstrating lawful disposal of waste and evidence such as weighbridge dockets and invoices for waste disposal or recycling services is retained and kept readily accessible for inspection by regulatory authorities such as Council, NSW EPA or WorkCover NSW.

Signature:
Date:

WASTE MANAGEMENT PLAN

ONGOING MANAGEMENT

- ☐ Multi dwelling housing with individual bin storage areas
- ☐ Multi dwelling housing or Residential Flat Building with communal bin storage area
- ☐ Mixed use development
- ☐ Commercial/retail or Industrial development

Proposed number of residential dwellings:

Proposed number of commercial dwellings:

Please stop here if you have selected the 'commercial/retail or industrial development' option. A commercial waste service must be provided. Council provides a commercial waste collection service for garbage only. Please contact Council's Waste Operations Unit on 9707 9000 to confirm if a service is available for your development.

Bin size and collection frequency

Council allocates bins at the rates prescribed in Section 3.2 of the Waste Management Guide. Standard bin dimensions are detailed in Section 3.3 of the Guide.

Service	Bin Size	Number of bins required	Standard collection frequency	Approved alternate collection frequency*
Garbage	120L 660L 1100L		Weekly	
Recycling	240L 660L 1100L		Fortnightly	
Garden waste	240L		Fortnightly	N/A

Note: Collection frequencies and bin selections are at Council's discretion.

*Alternate collection frequencies must be approved by Council prior to lodgement. Where this has been discussed with and approval given by an assessing officer, please provide details of the Council contact:

Council Officer Name:

Telephone:

Date:

Storage of waste	YES	NO	N/A
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1. Is there sufficient space allocated within each dwelling for two day's capacity of waste and recycling?
2. Does the bin storage area(s) have sufficient space to store the required number of bins?
3. Does the development ensure the bin storage area is located:
 - a) behind the building line of the dwelling where it is screened or cannot be viewed from the public domain?
 - b) away from habitable windows and doors of adjoining dwellings to reduce noise and odour?
 - c) such that residents are able to conveniently carry their waste to the correct bin from their dwelling?
 - d) such that the bin-carting route to the collection point does not pass through any internal rooms of the dwelling?
 - e) such that the bin-carting route to the collection point avoids steps and slopes?
 - f) such that the bins can be moved safely to the collection point?
4. Has the design ensured that any door and pathway from the bin storage area to the collection point is a minimum of 2 metres in width?
5. Has the bin-carting route been illustrated on the plans accompanying the DA?
6. Is the bin-carting route:
 - a) non-slip?
 - b) free from obstructions and steps?
 - c) a maximum grade of 1:14 (or 1:30 where 660L or 1100L bins are used)?

Storage of waste	YES	NO	N/A
7. Has the required cleaning equipment been provided to manage waste, bins and the bin storage area, including access to water supply?			
8. For kerbside collection, is the bin storage area located within 50 metres of the collection point?			
9. For collect and return service:			
a) Is the bin storage area located within 10 metres of a layback to the collection point?			
b) If no, has a temporary bin holding area been provided within 10 metres of a layback the to the collection point?			
c) What is the bin-carting distance from the bin storage area to the temporary bin holding area?			
d) Is bin-handling equipment (e.g. bin tugs) provided to assist the caretaker with bin-carting (to comply with WH&S requirements)?			
10. Is there a garbage chute system proposed?			
a) How many floors will the chute service?			
b) Is there a recycling cupboard provided on each residential floor adjacent to the chute hopper?			
c) Has a bin storage room been provided where the waste chute terminates?			
d) Is there a bin lifting machine provided to assist with condensing 240L recycling bins on each floor into bulk bins for collection?			
11. Is the residential bin storage area separated from the commercial bin storage area with access restricted to each type of tenancy? (mixed use developments only)			
12. Has a minimum of 4m ² per building been allocated for the storage of bulky waste?			
13. Has a scaled plan been submitted illustrating the layout of the bin storage area(s)?			
Collection of waste	YES	NO	N/A
1. Has a kerbside collection point been nominated on the plans accompanying the DA?			
2. For collect and return service, does the collection point have a convenient layback to the roadway or remain flat to the truck loading area?			
3. For kerbside collection:			
a) is there enough kerbside space for each dwelling to present all bins for collection in single file, also allowing for a 30 centimetre gap between bins?			
b) can all allocated bins be placed within the site's allocated frontage and not in front of driveways or neighbouring lots?			
4. Is there a separation distance of at least 2 metres between all bins and street trees, bus stops, street furniture and road infrastructure such as round-a-bouts and speed humps?			
5. a) Does the development require the collection vehicle to access the site to service the bins?			
b) If yes, is the DA accompanied by scaled swept path diagrams for the waste collection vehicle which demonstrates the vehicle can enter and exit in a forward direction, minimises manoeuvring within the site and can access the nominated loading area?			
6. Has the development been designed to ensure that access to the collection point can be undertaken by a Heavy Rigid Vehicle?			
7. Is the DA accompanied by a traffic statement confirming the site and collection point has been designed to comply with AS 2890.2 Parking Facilities: Off-Street Commercial Vehicle Facilities?			

Ongoing use	YES	NO	N/A
1. a) Is there a caretaker on site responsible for managing waste?			
b) How often are they on site and what is their role?			
2. Is the bin storage area accessible to waste collection staff (no security locks or devices)?			
3. Additional information:			