

# DICKENS SOLUTIONS

(REF – 24088)

## WASTE MANAGEMENT PLAN

## FREEDOM DEVELOPMENT GROUP

## PROPOSED RESIDENTIAL DEVELOPMENT

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## LOTS 101 & 103 IRONBARK ROAD MUSWELLBROOK

MAY 2024

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# **PART 1 – OVERVIEW AND PROPOSAL**

## **1.1 INTRODUCTION**

This Waste Management Plan (WMP) describes in detail the manner in which all waste and other materials resulting from the demolition, construction and on-going operational use of the building on the site, are to be dealt with.

The aims and objectives of this WMP are to: -

1. Satisfy all State and Local Government regulatory controls regarding waste management and minimisation practices,
2. Promote the use of recyclable materials in the excavation, construction, and on-going operation of the building,
3. Maximise waste reduction, material separation, and resource recovery in all stages of the development,
4. Ensure the design of waste and recycling storage facilities are of an adequate size, appropriate for the intended use of the building, hygienic with safe and manoeuvrable access, and,
5. Ensure that the provision of waste and recycling services to the completed buildings are carried out in an efficient manner, which will not impact negatively on the health, safety, and convenience of all stakeholders.

The land on which the development is proposed is located within Muswellbrook Shire LGA.

This WMP is prepared in accordance with: -

- Muswellbrook Local Environment Plan 2009,
- Muswellbrook DCP 2015, and relevant waste management guidelines,
- All Conditions of Consent issued under the approved DA for the project,
- Current industry standards and practices for the storage and collection of waste within Commercial Developments, specifically for Child Care Centres, and,
- The objective of ensuring that all waste management facilities and collection services will provide an outcome that will be effective and efficient, as well as promote the principles of health, safety, and convenience.

This Waste Management Plan has been prepared for a Development Application to be submitted to Muswellbrook Shire Council to develop lands at Lots 101 and 103 Ironbark Road, Muswellbrook, to establish a residential development, comprising of:

- One (1) residential super-lot
- Two (2) large lots with 4 x bed-room dwellings,
- 17 x 3 and 4 bed-room residential units,
- 94 x 2 bed-room dwellings, and,
- One (1) non-residential lot accommodating a Child Care Centre, and recreational areas, and,
- Associated infrastructure.

This WMP, dated 14 May 2024 has been prepared to be submitted to Council as part of the DA Package for the proposed development.

The WMP has been developed and documented in accordance with the Architectural Drawings prepared by Skyline Architects – Project No 230-82.

## **1.2 PROJECT & PROPERTY DESCRIPTION**

This Waste Management Plan (WMP) has been specifically designed for the development described below: -

<b>DESCRIPTION</b>	<b>Residential Development – Stage 1</b>
<b>DETAILS</b>	<ul style="list-style-type: none"><li>- Two (2) large lot 4 x bed-room dwellings,</li><li>- 16 x 3 and 4 bed-room residential units,</li><li>- 94 x 2 bed-room dwellings, and,</li><li>- Associated infrastructure.</li></ul>
<b>PROPERTY DESCRIPTION</b>	The development is to be constructed over two (2) existing Torrens Title allotments at Lots 101 and 103, in DP1170190, Ironbark Road, Muswellbrook.
<b>LOCATION</b>	Lots 101 and 103, Ironbark Road, Muswellbrook.
<b>DIMENSIONS</b>	Refer to Site and Survey Plans
<b>SITE AREA</b>	Refer to Site and Survey Plans
<b>LGA</b>	Muswellbrook Shire City Council
<b>ZONING</b>	Zone R2 – Low Density Residential R5 - Large Lot Residential C3 - Environmental Management
<b>PLANNING INSTRUMENTS</b>	Muswellbrook LEP 2009 Muswellbrook DCP 2009

## **1.3 APPLICANTS DETAILS**

<b>APPLICANT</b>	Freedom Development Group Att. Mr Rhys George
<b>ADDRESS</b>	Level 1, 822 George Street, Chippendale. NSW. 2008.
<b>TELEPHONE</b>	Mb 0438 604 021
<b>E-MAIL</b>	<a href="mailto:rhys@freedomdevelopment.com.au">rhys@freedomdevelopment.com.au</a>

## **1.4 PROPOSAL**

The proposal involves the development of lands at Lots 101 and 103 Ironbark Road, Muswellbrook, to establish a residential development, comprising of:

- One (1) residential super-lot
- Two (2) large lots with 4 x bed-room dwellings,
- 17 x 3 and 4 bed-room residential units,
- 94 x 2 bed-room dwellings, and,
- One (1) non-residential lot accommodating a Child Care Centre, and recreational areas, and,
- Associated infrastructure.

The land on which the development is proposed is vacant but contains a large amount of miscellaneous vegetation.

The project consists of: -

1. Levelling and clearing of the site,
2. The excavation of the site,
3. Construction works,

4. The provision of landscaping, car parking, driveways, services, and other elements associated with the development, and,
5. The on-going use of the buildings.

Muswellbrook Shire Council require a demolition, construction, and operational waste management plan to be submitted describing how all demolition, construction and operational waste will be stored, disposed of, and managed.

This Waste Management Plan has been developed not only to satisfy Council's requirements, but also to ensure that all waste management activities associated with the development are carried out and conducted in accordance with best practice industry standards.

## **PART 2 – DEMOLITION**

### **2.1 DEMOLITION – OVERVIEW**

The land on which the development is proposed is vacant but contains a large amount of miscellaneous vegetation. As such, there is no demolition component to this WMP. All details in relation to the levelling and clearing of the site and associated excavation works are dealt with in Part 3 – CONSTRUCTION on pages 7 to 11.

## **PART 3 – CONSTRUCTION**

### **3.1 CONSTRUCTION – GENERALLY**

Upon completion of all demolition works, construction of the building will commence with the excavation of the site for the basement levels of the building. All materials sourced from these activities will be disposed of in accordance with the information provided in Part 3.2 on pages 7, 8, 9, 10 and 11 of this WMP.

Additionally, all materials used in the construction of the building that are not required to be incorporated into it, shall be recycled, reused, or disposed of in accordance with these provisions, and the requirements of the Protection of the Environment Operations Act (1997). It will be the developer's overall responsibility to ensure compliance in this regard.

Mobile Bins of an appropriate size will be located on site for the collection of food scraps, beverage containers, and other waste generated on site by workers.

### **3.2 CONSTRUCTION – RECYCLING, REUSE & DISPOSAL DETAILS**

The following details prescribe the manner in which all materials surplus to the construction of the building will be dealt with, and includes: -

- a) An estimate of the types and volumes of waste and recyclables to be generated,
- b) A site plan showing sorting and storage areas for construction waste and vehicle access to these areas (see Part 3.3 of this Plan),
- c) How excavated and other materials surplus to construction will be reused or recycled and where residual wastes will be disposed (see below), and,
- d) The total percentage of waste surplus to construction to be reused or recycled.

#### **1. Excavated Materials**

Volume / Weight	3,000 Cubic Metres / 5,100 Tonnes (Excavation works)
On Site Reuse	Yes. Keep and reuse topsoil for landscaping. Store on site. Use some for support of retaining walls (Excavated Materials are only to be used if the material is not contaminated or has been remediated in accordance with any requirements specified by any Environmental Consultancy engaged to carry out any contamination assessment of excavated material).
Percentage Reused or Recycled	To be determined (see above comments)
Off Site Destination	Refer to Part 3.5 on page 11.

## **2. Bricks**

Volume / Weight	5 cubic metres / 5 Tonnes
On Site Reuse	Clean and remove lime mortar from bricks. Broken bricks for internal walls. Crush and reuse as drainage backfill. Crushed and used as aggregate.
Percentage Reused or Recycle	75% - 90%
Off Site Destination	Refer to Part 3.5 on page 11.

## **3. Concrete**

Volume / Weight	6 cubic metres / 14.4 Tonnes
On Site Reuse	Existing driveway to be retained during construction. Crushed and used as aggregate, drainage backfill.
Percentage Reused or Recycled	60% - 75%
Off Site Destination	Refer to Part 3.5 on page 11.

## **4. Timber**

Volume / Weight	5 cubic metres / 7 Tonnes
On Site Reuse	Re-use for formwork and studwork, and for landscaping
Percentage Reused or Recycled	65% - 90%
Off Site Destination	Refer to Part 3.5 on page 11.

## **5. Plasterboard & Fibro**

Volume / Weight	6 cubic metres / 2 Tonnes
On Site Reuse	No – all material will be transported for disposal off-site.
Percentage Reused or Recycled	To be determined
Off Site Destination	Refer to Part 3.5 on page 11.

## **6. Metals / Steel / Guttering & Downpipes**

Volume / Weight	5 cubic metres / 0.25 Tonnes
On Site Reuse	No
Percentage Reused or Recycled	60 – 90%
Off Site Destination	Refer to Part 3.5 on page 11.



**7. Roof Tiles / Tiles**

Volume / Weight	4 cubic metres / 3 Tonnes
On Site Reuse	Broken up and used as fill.
Percentage Reused or Recycled	80% - 90%
Off Site Destination	Refer to Part 3.5 on page 11.

**8. Plastics**

Volume / Weight	5 cubic metres / 1 Tonne
On Site Reuse	Nil
Percentage Reused or Recycled	80% - 95%
Off Site Destination	Refer to Part 3.5 on page 11.

**9. Glass, Electrical & Light Fittings, PC items**

Volume / Weight	5 cubic metres / 1 Tonne
On Site Reuse	No
Percentage Reused or Recycled	70% - 90%
Off Site Destination	Refer to Part 3.5 on page 11.

**10. Fixture & Fittings (Doors Fittings, Other Fixtures, etc)**

Volume	10 cubic metres / 3.3 Tonnes
On Site Reuse	Broken up and used as fill.
Percentage Reused or Recycle	80% - 90%
Off Site Destination	Refer to Part 3.5 on page 11.

**11. Pallets**

Volume / Weight	25 cubic metres / 8 Tonne
On Site Reuse	No
Percentage Reused or Recycle	90% - 100%
Off Site Destination	Refer to Part 3.5 on page 11.

## 12. Residual Waste

Volume / Weight	350 cubic metres / 350 Tonnes
On Site Reuse	No
Off Site Destination	Refer to Part 3.5 on page 11.
Notes on calculation of volume of residual waste	<ol style="list-style-type: none"><li>1. In calculating the amount of residual waste produced from the demolition of all buildings on site, it is estimated that 10% of it, will be residual waste.</li><li>2. As all of the materials vary in weight per volume, a figure of 1 cubic metre of material is equal to 1 tonne in weight has been used.</li></ol>

It is noted that the quantities of materials detailed in this section (Part 3.2) are estimates only, based on current industry standards and quantity analysis, and may vary due to the prevailing nature of construction constraints, weather conditions, and any other unforeseeable activities associated with the construction of the buildings, which are beyond the control of the developer, including but not being limited to theft, accidents, and other acts of misadventure. Notwithstanding any of the above, the developer will provide Council with all details in relation to any major variations in this regard.

The facilities and agencies that have been nominated to receive the materials listed above have been identified within the NSW waste industry as being a facility or agency that will accept the materials specified in each respective table.

The developer understands that any costs associated with the transportation and receipt of all materials will be their responsibility. The developer is under no obligation to use any nominated facility or agency, but should any alternative arrangements be made, it will be the developers' responsibility to ensure that all materials excess to construction removed from the site are disposed of, or processed, appropriately.

The developer will keep a written record of all documentation associated with the transportation, disposal and processing of all materials associated with the demolition of all structures on site. Additionally, during the construction of the building, every effort will be made to reduce and minimise the amount of building materials excess to its construction.

### **3.3 CONSTRUCTION – ON-SITE STORAGE OF MATERIALS**

During the construction of the buildings, an area will be set aside on the site as a compound for the on-site storage of materials prior to their removal from the site. This compound will provide for: -

- Material sorting,
- Segregation of materials that may be hazardous and which will be required to be disposed of,
- Recovery equipment, such as concrete crushers, chippers, and skip bins,
- Material storage, and,
- Access for transport equipment.

Appropriate vehicular access will be provided on and off site, and to the compound, to enable the efficient removal of reusable, recyclables, and waste materials.

Prior to the commencement of construction works, the developer will provide Council with a 'Site Plan for the On-Site Storage of Materials at Construction'. This plan will show in detail the location of each area within the compound, set aside for the segregated storage of all materials involved in the demolition of all buildings on the site.

### **3.4 CONSTRUCTION – EXCAVATED MATERIAL**

All excavated material removed from the site, as a result of any activities associated with the construction of the building, must be classified in accordance with the Department of Environment, Climate Change and Water NSW Waste Classification Guidelines prior to removal, transportation and disposal to an approved waste management facility. All relevant details must be reported to the PCA.

### **3.5 LICENSED PROCESSING & DISPOSAL FACILITIES**

The facilities nominated below are appropriately licensed to receive the materials nominated in Tables 1 to 10 on pages 6 to 8 and Part 3.4 on page 10.

1. Muswellbrook Waste and Recycling Facility, 252 Coal Road, Muswellbrook. NSW. 2333 – Tel 02 6549 3852.
2. Denman Transfer Station, Rosemount Road, Denman. NSW. 2328 – Tel 02 6549 3852.

The facilities and agencies that receive the materials listed above are, licensed and generally able, to accept the materials specified.

The appointed contractor understands that any costs associated with the transportation and receipt of these materials will be their responsibility.

Based on the above information, it is anticipated that between 75% and 85% of all materials excess to construction needs will be able to be recycled or re-used, well above the Council's required targets.

The appointed contractor is under no obligation to use any nominated facility or agency, but should any alternative arrangements be made, it will be the contractors responsibility to ensure that all demolished materials removed from the site are disposed of, or processed, appropriately.

The developer will keep a written record of all documentation associated with the transportation, disposal, and processing of all materials excess to the construction of the building.

Additionally, during the construction of the building, every effort will be made to reduce and minimise the amount of building materials excess to construction.

## **PART 4 – ON GOING USE**

### **4.1 OBJECTIVES**

1. To ensure that the storage, amenity and management of waste is sufficient to meet the needs of the development.
2. To ensure that all waste management activities are carried out effectively and efficiently, and in a manner, that will promote the principles of health, safety and, convenience.
3. To promote waste minimisation practices.

### **4.2 ASSUMPTIONS**

In preparing this Plan, the following assumptions have been made: -

1. The proposal comprises an integrated housing development incorporating multi-dwelling housing, civil works and land subdivision at Lots 101 and 103 Ironbark Road, Muswellbrook.
2. The Master Plan for the proposed subdivision attached to Part 3 on page 13.
3. The development contains:
  - a) One (1) residential super-lot
  - b) Two (2) large lots with 4 x bed-room dwellings,
  - c) 17 x 3 and 4 bed-room residential units,
  - d) 94 x 2 bed-room dwellings, and,
  - e) One (1) non-residential lot accommodating a Child Care Centre, and recreational areas, and,
  - f) Associated infrastructure.
4. For the residential sup-lot, the two (2) large lot developments comprising of one (1) x four (4) bed-room dwelling on each lot, one (1) non-residential lot accommodating a Child Care Centre, and recreational areas, which are not within the scope of the DA, all waste management storage and collection activities will be take place in accordance with Council requirements for single unit dwellings (SUD's), and child care centres, the details of which will be provided as part of a future DA, noting that the subdivision of the land on which the dwellings are proposed is part of this DA.
5. For the 17 x 3 and four bed-rom residential units, which are not within the scope of the DA, all waste management storage and collection activities will be take place in accordance with Council requirements for multi-unit dwellings, the details of which will be provided as part of a future DA, noting that the subdivision of the land on which these units are proposed is part of this DA.
6. For the 94 x 2 bedroom attached and detached dwellings which are to be constructed on the sites' northern precinct between Rods 6 and 7, all waste management storage and collection activities will take place as detailed in Part 4.3 on pages 13-16.
7. All waste and recycling generation rates have been calculated from information provided in Section 24 'Waste Minimisation and Management' of the Muswellbrook DECP 2009 – Appendix B 'Waste and Recycling Generation Rates'.
8. Muswellbrook Shire Council will provide all waste and recycling services to the development.
9. All waste and recycling services will be provided from kerbside collection area as detailed herein.

10. The occupants of each property on which their dwelling is located will be responsible for all storage and collection arrangements and waste management activities associated with that dwelling.

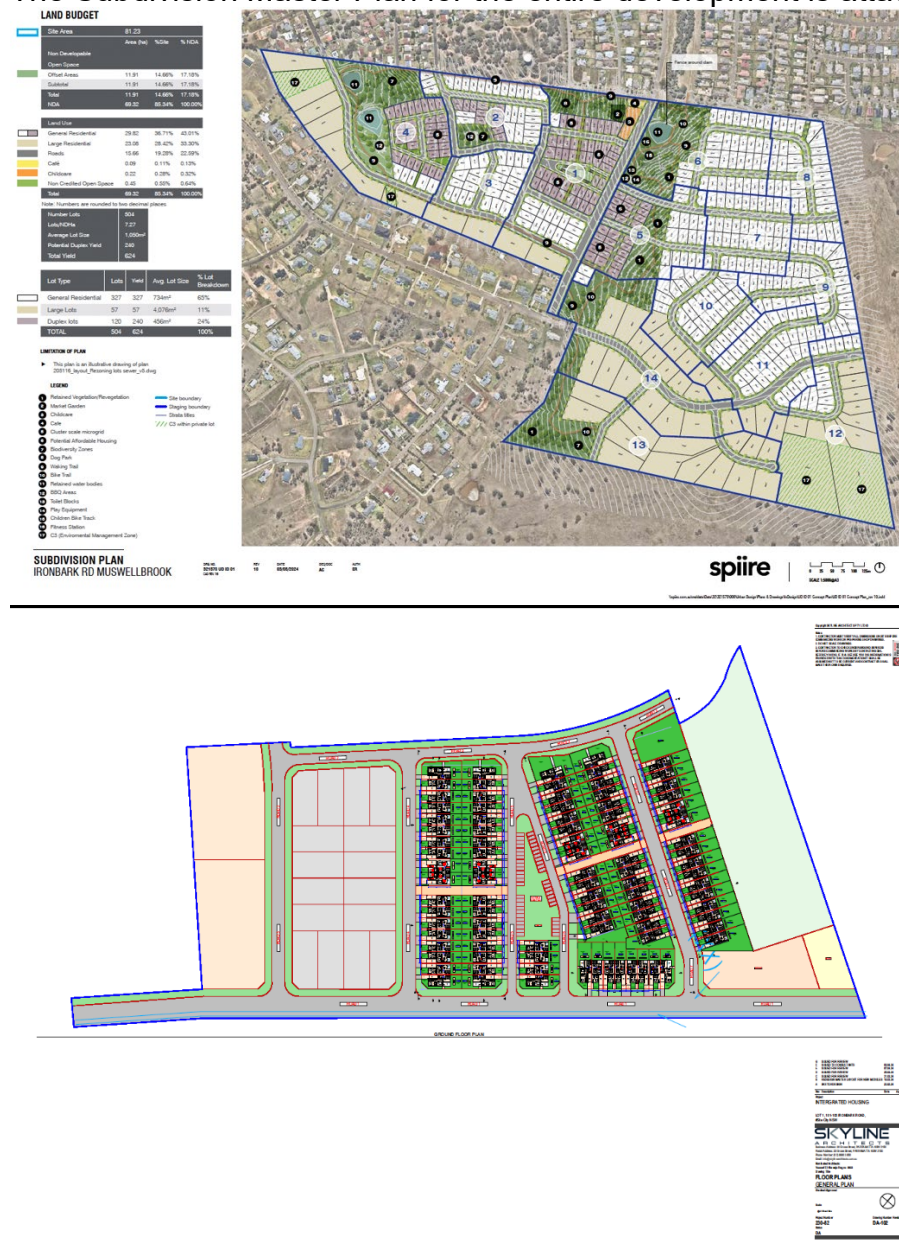
### 4.3 SUBDIVISION DETAILS

A future Development Application will be submitted for the following components of the development:

- Two (2) large lots with 4 x bed-room dwellings,
- 17 x 3 and 4 bed-room residential units, and,

These developments are not within the scope of this DA.

The Subdivision Master Plan for the entire development is attached below.



## **4.4 PROVISION OF WASTE & RECYCLING SERVICES**

### **4.4.1 Waste Handling and Management**

A cabinet will be located within each room or dwelling so that a receptacle, or receptacles, may be stored or housed in a convenient and practical location within the unit, for the temporary storage and reception of waste and recyclable material.

All residents of each dwelling will be responsible for transporting and depositing waste and recycling material into the appropriate bins within their Bin Storage Area.

All waste is to be placed in the red lidded waste bins. All recyclable material is to be placed in the yellow lidded recycling bins.

### **4.4.2 Waste and Recycling – Service Arrangements**

All waste and recycling materials will be stored in approved receptacles of an appropriate size as specified in this WMP.

The lids of the bins shall be closed at all times to reduce litter, stormwater pollution, odour and vermin.

The Council in general requires that colour coded receptacle lids that distinguish each service component are to be provided: -

- Waste Service – Red Lidded receptacle,
- Recycling Service – Yellow Lidded receptacle, and,
- Green Waste Service – Green Lidded receptacle.

### **4.4.3 Waste and Recycling Generation Rates**

All waste and recycling generation rates have been calculated from information on Council's website for attached and detached dwellings such as the ones proposed.

As from 24 July 2024, Council will commence a new residential waste management service, where each dwelling will be provided with the following services:

- Waste – 1 x 140-litre red lidded mobile waste bin, to be serviced one (1) day per fortnight,
- FOGO – 1 x 240-litre green lidded mobile food and garden organics bin, to be serviced one (1) day per week, and,
- Recycling – 1 x 240-litre yellow lidded mobile recycling bins.
- waste bin, to be serviced one (1) day per fortnight,

### **4.4.4 Waste and Recycling Service Arrangements**

The following Table (Table 1) details the service requirements for each dwelling.

**TABLE 2 – SERVICE REQUIREMENTS – BOARDING HOUSE ROOMS**

SERVICE TYPE	UNITS	BIN SPACE PER DWELLING	BINS SIZE	SERVICES PER WEEK	BINS REQUIRED	BINS PROVIDED
<b>Waste</b>	94	140	140	0.50	94	1 x bin per dwelling
<b>Recycling</b>	94	240	240	0.50	94	1 x bin per dwelling
<b>FOGO</b>	94	240	240	1.00	94	1 x bin per dwelling

#### **4.4.5 Waste and Recycling Collection Service Provider Details**

Muswellbrook Shire Council will provide all waste and recycling services to the building.

#### **4.4.6 Details of Mobile Containers**

In relation to the size and design of the waste and recycling mobile bins, the following technical information is provided: -

CONTAINER TYPE	HEIGHT (metres)	DEPTH (metres)	WIDTH (metres)
140-litre mobile container	1.000	0.650	0.485
240-litre mobile container	1.040	0.750	0.585

#### **4.4.7 Location, Design, and Construction of Bin Storage Areas**

All waste, recycling and FOGO bins will be stored within the confines of each dwellings open space yard areas. Each bin area will be large enough to store:

- 1 x 140-litre mobile waste bin,
- 1 x 240-litre mobile recycling bin, and,
- 1 x 240-litre green waste (FOGO) bin.

#### **4.4.8 Location, Design, and Construction of Bin Storage Areas**

New local road networks will be constructed over the entire precinct to provide access for waste collection vehicles to service all 94 sites within the development. The new local roads have variable widths between 9.0m and 14.5m as indicated on the Architectural Drawings.

The minimum lot frontage is 7.3m, and the minimum driveway access width into each lot is 3.5m. All collection points are to have an area large enough to accommodate 3 x 240-litre mobile bins (one each for waste, recycling and FOGO bins) per dwelling, as a maximum number of 3 x 240-litre bins per dwelling will be presented for collection on one day per fortnight.

All dwellings will have waste, recycling and green waste bins will be collected from the kerbside in front of each lot and a minimum of 3.0m unobstructed width will be provided for the placement of 3 x 240-litre mobile bins in front of each lot, excluding the driveway access.

Maximum bin transfer grades will not exceed 1:14. Bin travel distances will not exceed 30 metres.

All bins are to be returned to on-site storage areas, as soon as practicable after they have been serviced.

Muswellbrook Shire Council will provide all waste and recycling services to the development.

The occupants of each dwelling will be responsible for all waste management activities including the storage, presentation and collection of all bins on their lot.

Suitable frontages for bin collection will be provided, which will allow 1m per 240-litre bin and 3 x 240-litres of bin space per dwelling (3m x 1m per dwelling) clear of

driveways, light and power poles, traffic management devices, street furniture, bus stops, landscaping and trees has not been demonstrated. In this regard, it should be demonstrated that bins can be collected from the kerbside in a single file.

#### **4.4.9 Collection Methodology / Bin Standing Areas**

All waste services will be provided by Muswellbrook Council, using a HRV side-loading collection vehicle. Based on previous advice from Council for developments of a similar type, the collection vehicle has the following dimensions:

- Length – 10.5m,
- Width – 2.8m, and,
- Turning Circle – 24.0m.

The vehicle will be required to access roads within the development site as indicated on the Architectural Drawings and this WMP.

To accommodate the servicing of bins by this vehicle, collection Points (Bin Standing Areas) for all lots will be provided at various locations on the proposed new road systems upon each site where the dwellings are located.

The maximum distance of travel from any dwelling to its respective bin standing area will be no more than 30 metres in accordance with Council's requirements.

Bin standing areas will be provided as detailed on the submitted Plans.

#### **4.4.10 Servicing Arrangements – Waste Collections**

All waste services will be provided by Muswellbrook Council, using a side-loading collection vehicle, that will collect the waste bins from the respective collection points (bin standing areas) provided for each dwelling as specified in Part 4.4.9 above.

The owner of each property is responsible for presenting waste bins for servicing and returning them to their respective storage areas as soon as practicable after servicing.

Waste bins will be serviced weekly on a day to be determined by the Council.

Waste bins will be presented for collection on the evening prior to collection and placed at the collection point (bin standing area) allocated to each respective dwelling.

All waste bins are to be presented to each collection point side-by side in single file and in a manner, that will facilitate its collection by Council's side loading waste collection vehicle.

#### **4.4.11 Servicing Arrangements – Recycling Collections**

All recycling services will be provided by Muswellbrook Council, using a side-loading collection vehicle, that will collect the recycling bins from the respective collection points (bin standing areas) provided for each dwelling as specified in Part 4.4.9 above.

The owner of each property is responsible for presenting recycling bins for servicing and returning them to their respective storage areas as soon as practicable after servicing.



Recycling bins will be serviced fortnightly on a day to be determined by the Council.

Recycling bins will be presented for collection on the evening prior to collection and placed at the collection point (bin standing area) allocated to each respective dwelling.

All recycling bins are to be presented to each collection point side-by side in single file and in a manner, that will facilitate its collection by Council's side loading waste collection vehicle.

#### **4.4.12 Servicing Arrangements – Green Waste (FOGO) Collections**

All green waste (FOGO) services will be provided by Muswellbrook Council, using a side-loading collection vehicle, that will collect the bins from the respective collection points (bin standing areas) provided for each dwelling as specified in Part 4.4.9 on page 16.

The owner of each property is responsible for presenting the bins for servicing and returning them to their respective storage areas as soon as practicable after servicing.

Green Waste bins will be serviced fortnightly on a day to be determined by the Council.

Green Waste bins will be presented for collection on the evening prior to collection and placed at the collection point (bin standing area) allocated to each respective dwelling.

All bins are to be presented to each collection point side-by side in single file and in a manner, that will facilitate its collection by Council's side loading waste collection vehicle.

#### **4.5 COLLECTION VEHICLE ACCESS**

As detailed in Part 4.4.9 on page 16, swept paths will be for a 10.5m long, heavy rigid vehicle with a 24m turning circle for the truck's entire travel path, showing forward entry and exit with all manoeuvring onsite.

Suitable vehicle access can be achieved around the site (especially in locations with transition into or out of areas with half road construction), as detailed in the traffic management report.

Additionally, temporary turning heads in the form of cul-de-sac heads will be provided in areas where the road network results in dead ends. All turning areas will comply with Council's engineering guide for development and vehicles will be able to enter and exit the site in a forward direction.

#### **4.6 BULKY WASTE STORAGE – COUNCIL CLEAN UPS**

Muswellbrook Shire Council offers all residents of single dwelling houses a Clean-Up service for the disposal of unwanted bulky waste items.

This service is provided on an on-call basis, and the Council offers up to 12 collections per year. Bookings can be made on-line from the Councils website.

All unwanted bulky waste items are to be stored within the confines of the property of each dwelling.

Under no circumstances are items of bulky waste to be stored in or presented to each bulky waste storage area until such time that Council has authorized and allocated a collection time and date. All bulky waste items presented for collection are to be done so strictly in accordance with Councils requirements for clean-up collections.

Residents are encouraged to take advantage of this service. Details of which can be found on the Councils website at [www.blacktown.nsw.gov.au](http://www.blacktown.nsw.gov.au)

#### **4.7 ON GOING OPERATION, USE & MAINTENANCE OF WASTE MANAGEMENT FACILITIES**

All waste management facilities will be maintained in a clean and hygienic condition that will promote the principles of health, safety and convenience.

All mobile waste and recycling bins should be washed and cleaned on a regular basis and stored in an area that will not impact on the health, safety and convenience of residents.

## **PART 5 – SUMMARY**

### **5.1 SUMMARY**

In summarising this proposal, the following information is provided:

1. This Waste Management Plan (WMP) has been developed and documented in to ensure that all waste management activities will be conducted in accordance with Councils waste management DCP's and guidelines, and, where relevant. The Better Practice Resource Recovery Guide for Residential Buildings (April 2019).
2. All waste and recycling services to the serviced apartments will be provided by Muswellbrook Shire Council.
3. The Building Owner will be responsible for ensuring that all ongoing waste management activities are carried out in accordance with the provisions of this WMP.
4. The WMP aims to promote the use of recyclable materials in the construction, and on-going operation of the building.
5. The WMP aims to ensure the design of waste and recycling storage facilities are of an adequate size, appropriate for the intended use of the building, hygienic with safe and manoeuvrable access.
6. The WMP aims to ensure that the provision of waste and recycling services to the completed buildings are carried out in an efficient manner, which will promote the principles of health, safety, and convenience.

The measures set out in this WMP aim to demonstrate that all such activities will be carried out effectively and efficiently, in a healthy, safe and convenient manner, to acceptable community standards, and to the requirements of Muswellbrook Shire Council.

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