

WASTE MANAGEMENT PLAN



PREPARED FOR



**BUILDING 1, 3 AND 4
1, 3, 5 AVON ROAD AND 4, 8 BEECHWORTH
ROAD
PYMBLE NSW**

ABOUT ELEPHANTS FOOT

Elephants Foot Recycling Solutions is a family owned Australian company whose philosophy is providing quality recycling and waste solutions through product innovation. We are Australia's leading supplier of garbage, recycling and laundry chute systems.

Our team of experts has been proudly assisting architects, builders and developers with advice on how best to solve waste management and odour issues in dwellings since 1976. We have a long history of completed projects within the Australian building environment. Recent major projects completed include:

- Karimbla Constructions – Meriton Infinity, Herschel Street Brisbane Qld - *International Property Award for 'Best Residential High-Rise Development' Australia in 2014*
- Laing O'Rourke – M&A, McLachlan & Ann Streets, Brisbane Qld
- Dyldam – 15 Young Street, Carlingford NSW
- Hickory Developments – Ilk Apartments, 227 Toorak Road, South Yarra VIC
- Equiset – 27 Little Collins Street, Melbourne VIC

Elephants Foot also provides waste management planning services; recent plans include:

- Meriton – 94-100 Dalmeny Avenue, Rosebery NSW
- Fife Capital – 38-48 York Street & 379-385 George Street, Sydney NSW
- Dyldam – KOI, Parramatta NSW
- Mirvac – Green Square, Site 5A and 5B, NSW

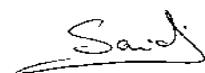
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15 December 2015

Recipient Name	Company	Revision	Copy No.
Eddy Saidi	Elephants Foot Recycling Solutions	G	1
Baz Overweg	Marchese Partners	G	2
Meg Bartholomew	PwC	G	3

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EXECUTIVE SUMMARY

This report has been prepared on behalf of Ausbao Pty Ltd (The Applicant).

The Report forms part of the Land and Environment Court of NSW (L&E Court) Proceedings No.10834 of 2013. The proceedings relate to the refusal by the Planning Assessment Commission (PAC), as delegate of the Minister for Planning (Minister), of the Major Project Application (MP 10_0219) for a multi-unit residential development at 1, 1A & 5 Avon Road and 4 & 8 Beechworth Road, Pymble (Site).

On 5 December 2014, the Land and Environment Court ordered that a Concept Plan approval be issued in respect of the development of the Site, and the PAC issued the Concept Plan Approval on 19 December 2014. The proceedings No.10834 of 2013 relating to the Major Project Application were stood over following the Court's order regarding the Concept Plan and the PAC's subsequent issue of the Concept Plan Approval.

The report addresses the revisions to the Major Project Application as a consequence of the terms of the Concept Plan Approval.

This waste management plan covers the ongoing management of waste generated by the completed residential development known as Building 1, 3 and 4 Avon Road, Pymble NSW.

Waste audit and management strategies are recommended for new developments to provide support for the building design and promote strong sustainability outcomes for the building. All recommended waste management plans will comply with council codes and any statutory requirements. The waste management plan has three key objectives:

- i. **Ensure waste is managed to reduce the amount of waste and recyclables to land fill** by assisting residents to segregate appropriate materials that can be recycled; displaying signage to remind and encouraging recycling practices; and through placement of recycling and waste bins in the retail precinct to reinforce these messages.
- ii. **Recover, reuse and recycle** generated waste wherever possible.
- iii. **Compliance** with all relevant codes and policies.

To assist in clean and well-segregated material, building management can work proactively with residents in the following way:

- Building management should ensure their communications achieve a regular and consistent message.
- By-laws: the resident's by-laws should include a requirement to actively participate in recycling/ diversion initiatives implemented within the residential buildings.

INTRODUCTION

This waste management plan is an operational waste management plan and will address the phases of the completed revised concept plan proposal.

For the purpose of this report the revised development will consist of:

- Three multi-level buildings known as Building 1, Building 3 and Building 4
- 174 residential units in total
- See Appendix 4 – Site Plan

TABLE 1 – TOTAL UNIT MIX

Building	Unit No.
1	57
3	56
4	61
TOTAL	174

All figures and calculations are based on area schedules as advised by our client and shown on architectural drawings.

KU-RING-GAI COUNCIL

The assessment of waste volumes is an estimate only and will be influenced by the development's management and occupant's attitude to waste disposal and recycling.

The residential waste and recycling will be guided by the services and acceptance criteria of the Ku-ring-gai Shire Council. The residential waste and recycling will be collected by council.

All waste facilities and equipment are to be designed and constructed to be in compliance with the Ku-ring-gai Shire Councils DCP, Australian Standards and statutory requirements.

OBJECTIVES

- avoid waste through design and ordering correct materials
- encourage improved environmental outcomes through increased source separation of materials
- ensure more efficient management of waste and recyclable materials
- maximise reuse and recycling of building construction materials, household generated waste and commercial waste

REQUIREMENTS

Access – ensure waste systems are easy to use and collection vehicles are able to access buildings to safely remove waste and recycling;

Safety – ensure safe practises for storage, handling and collection of waste and recycling;

Pollution prevention – prevent stormwater pollution that may occur as a result of poor waste storage and management practises;

Ecologically sustainable development (ESD) – promote the principles of ESD through resource recovery and recycling leading to a reduction in the consumption of finite natural resources;

Hygiene – ensure health and amenity for residents, visitors and workers of Ku-ring-gai Council;

Noise minimisation – minimise noise during use by residents and collection of waste and recyclables.

This report has been constructed using Council's DCP Part 3.4 (39) and discussions with Council's Waste Manager, Colin Wright.

GENERATED WASTE VOLUMES

This assessment of waste volumes is an estimate only and will be influenced by the development's management and occupants' attitude to waste disposal and recycling.

CONSTRUCTION AND DEVELOPMENT WASTE

The head contractor will be responsible for removing all construction-related waste offsite in a manner that meets all authority requirements. A separate waste management plan would be submitted for construction waste as part of a future Development Application/s for the site.

WASTE DEFINITION

Garbage:	all domestic waste (except recyclables and green waste)
Recycling:	glass bottles and jars – PET, HDPE and PVC plastics; aluminium, aerosol and steel cans; milk and juice cartons; soft drink, milk and shampoo containers; paper, cardboard, junk mail, newspapers and magazines.
Green:	garden organics such as small branches, leaves and grass clippings, tree and shrub prunings, plants and flowers, and weeds.
MGB:	Mobile Garbage bins
L:	litres

BUILDING MANAGER/ WASTE CARETAKER

All equipment movements in the waste room are managed by the building manager/ cleaners at all times. No tenants will be allowed to transport waste or recyclables from the waste room; tenants will only transport their waste to the room allocated.

The building manager/ cleaner duties include, but are not limited to, the following:

- Organising, maintaining and cleaning the general and recycled waste holding areas (Frequency will depend on waste generation and will be determined based upon building operation)
- Transporting of bins as required
- Organising both garbage and recycled waste pick-ups as required
- Cleaning and exchanging all bins
- Ensure site safety for residents, children, visitors, staff and contractors
- Abide by all relevant OH&S legislation, regulations, and guidelines
- Assess any manual handling risks and prepare a manual handling control plan for waste and bin transfers
- Provide to staff/contractors equipment manuals, training, health and safety procedures, risk assessments, and PPE to control hazards associated with all waste management activities.

NOTE: It is the responsibility of the building manager to monitor the number of bins required for the development. As waste volumes may change according to the development's management and occupants' attitudes to waste disposal and recycling, bin numbers and sizes may need to be altered to suit the building operation.

EDUCATION

Educational material encouraging correct separation of garbage and recycling items must be provided to each resident to ensure correct use of the garbage and recycling bins. This should include the correct disposal process for bulky goods (old furniture, large discarded items etc.).

It is recommended that information is provided in multiple languages to support correct practises and minimise contamination in the collection mobile garbage bins.

It is also recommended that the development's website (if provided) contain information for residents to refer to regarding use of the bins. Information should include:

- recycling and garbage descriptions (Council provides comprehensive information);
- how to dispose of bulky goods and any other items that are not garbage or recycling; and
- Residents' obligations to WHS and building management.

RESIDENTIAL WASTE

Ku-ring-gai Council's required waste generation rates according to DCP Part 3.4 (39) has been used for garbage and mixed containers/paper recycling as per the below table. Waste generation rates:

Waste: 120L/unit/week – grey bin with red lid
 Recycling: 1 x 240L MGB/4 units or 60L/unit/week (paper recycling) Blue bin
 1 x 240L MGB/2 units or 120L/unit/week (mixed containers) Green bin with yellow lid

TABLE 2 – RESIDENTIAL WASTE GENERATION

Building	Units	Waste (L)	Waste MGB	Recycling Paper (L)	Recycling Mixed
1	57	6840	11 x 660L	15 x 240L	23 x 240L
3	56	6720	11 x 660L	14 x 240L	28 x 240L
4	61	7320	11 x 660L	16 x 240L	31 x 240L
Total	174	20,880	33 x 660L	45 x 240L	82 x 240L

BIN SUMMARY

Garbage:
 33 x 660L MGB collected weekly
 Recycling:
 127 x 240L MGB collected weekly

The above waste generation assumptions have been taken into consideration for the calculation of these figures:

- Garbage and recycling is uncompacted
- Garbage and recycling bins are located in the ground level garbage rooms for each building;
- Number of bins have been rounded up for best operational outcome;
- Garbage bin numbers based on collections weekly/recycling collected weekly; and
- Mid-week collections are envisaged for both garbage and recycling. Actual collection day to be confirmed by Council.

WASTE MANAGEMENT

As per the drawings, there is a garbage room located at ground level of each building for residents to deposit bagged garbage and separated recyclables. Residents will use the corridors and lifts to access the garbage rooms for each building.

All residents will be supplied with a collection area in each unit (generally in the kitchen, under bench or similar alternate area) to deposit garbage and collect recyclable material suitable for one day's storage.

Residents should wrap or bag their garbage before depositing into the collection bins. (See *Appendix 2 – Waste Equipment*)

Recycling must be sorted into paper products and mixed containers prior to being emptied into the recycling bins. It is expected that clean mixed container recyclables will be placed in the collection bins.

Part of the caretaker/cleaner's duty will be to exchange or empty recyclable bins, transport and store them in the main bin store located on ground level, ready for collection.

Waste bins will also need to be rotated and transported to the collection area when full and ensure that the residents' garbage rooms are replaced with empty bins.

CARDBOARD

All cardboard should be flattened by residents and stored in the paper recycling bins in the residential garbage rooms.

GREEN WASTE

There will be green waste generated by the development's landscaping. Any green waste will be collected and removed from site by the maintenance contractor.

COMPOSTING

Consideration should be given to providing space for individual home unit worm farms or small compost bins for residents to self-manage. Information on two styles of apartment composting bins is included. (See *Appendix 2 – Waste Management Equipment*)

COMMON AREAS

Any common areas will be supplied with suitably branded waste and recycling bins, if required. Building management will monitor use and ensure bins are exchanged and cleaned.

EWASTE

Electronic waste items and hazardous goods must not be placed in garbage or recycling bins due to safety and environmental reasons. Council provides regular Drop-Off Locations for Computers & Televisions.

Residents can recycle up to 15 items for free through the National Television and Computer Recycling Scheme now at three nearby locations:

- Kimbriki Resource Centre - Kimbriki Road off Mona Vale Road Ingleside/Terrey Hills
- Sita - Wicks Road North Ryde
- Sita - Crozier Road Belrose

Any household or small business can drop off their items in a car, ute or trailer in the designated Television and Computer Recycling Areas. Customers must unload their own waste.

Items accepted:

- Televisions
- Computer monitors
- Personal and portable computers
- Printers, scanners, peripherals and parts
- Cords and cables

Items not accepted

- Toner cartridges (can be disposed of at Council Chambers)
- DVD players
- video recorders
- radios
- game consoles
- appliances
- mobile phones (can be dropped off at Council Chambers)
- power tools

CHEMICAL CLEAN OUTS

Residents should be encouraged to visit Council's comprehensive website for drop-off dates, list of products and locations.

http://www.kmc.nsw.gov.au/Services_facilities/Basics/Waste_and_recycling/Houses/Dangerous_waste/TVs_and_computer_recycling

OTHER WASTE STREAMS

A room or caged area is allocated for the storage of discarded bulky items and recyclable electronic goods and should be sign marked appropriately. The allocated space must be a minimum of 4m³ and located close to the loading area. Residents will liaise with building management regarding movement of bulky goods.

It is recommended that donations to charitable organisations be encouraged. Clean, sound furniture and household goods etc. are highly sought after to provide for the disadvantaged. Donations will be arranged with the assistance of the building manager/caretaker. (*See Useful Contacts*)

WASTE ROOMS

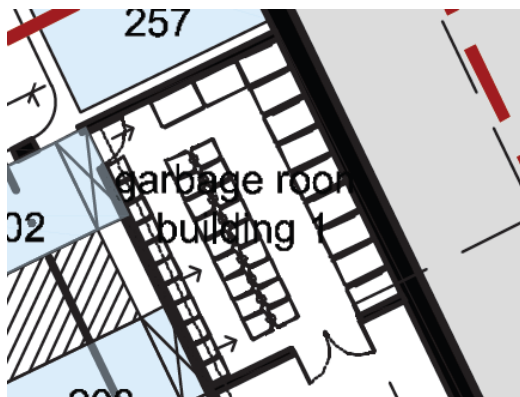
Each garbage room will need to hold all the bins generated weekly, and allow enough room to clean and safely manoeuvre bins.

Garbage and recycling bins should remain separated at all times to prevent contamination of recycling bins.

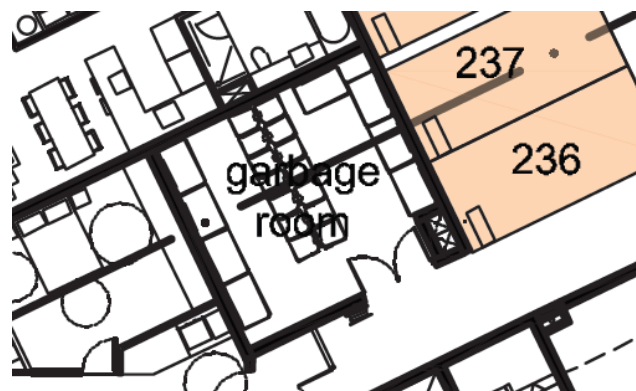
FIGURE 1 – BIN ROOMS (BUILDINGS 1, 3 & 4)



Bin rooms– Building 4



Bin room – Building 1



Bin room – Building 3

Excerpts: MP 22.06 Rev U – Floor Plan Level RL+135

The proposed waste storage and collection area located in Building 1 must have sufficient bin storage capacity for the bin numbers generated and to manoeuvre bins as required. The collection area must house all bins generated for weekly collection. An additional 10 sqm has been added to each raw bin area total for bin movement and to allow separation of garbage and recycling bins to prevent contamination.

An area of 114 sqm is recommended to be allocated at the loading area. The area provided is suitable for purpose. (See Appendix 4 – Loading & Bin Collection Area)

The garbage rooms for each building will require the following minimum areas to be allocated:

TABLE 3 – RESIDENTIAL GARBAGE ROOMS

Building	Waste area
1	44.6 sqm
3	44.6 sqm
4	49.0 sqm

COLLECTION OF WASTE

Building Management will ensure that full garbage and recycling bins are ready for collection according to Councils collection schedule.

As building management will transport a significant amount of bins around the buildings, a bin moving device is recommended (*See Appendix 3 – Typical Bin Mover*)

Transfer of waste and all bin movements require minimal manual handling therefore the operator must assess manual handling risks and provide any relevant documentation to building management.

Waste and recycling bins will be separated for ease of collection and Council's collectors will collect from the Building 1 loading area. A loading area has been allocated near the car park entry which is accessed off Avon Road. (*See Appendix 4 – Loading & Bin Collection Area*)

The travel path in and out of the developments loading area will allow the vehicle to travel access and egress in a forward motion at all times.

The collection area and surrounds must be flat and even; stair, kerbs and speed bumps or other irregular surfaces are unacceptable. No overhead ducting or sprinkler systems should be located in the path of the collection vehicle.

The collection vehicles will have unimpaired access; if a security gate is in operation, locking devices keyed to Councils master key will be required. This service is at the developers cost.

The collection areas will need to be reviewed by a traffic consultant to confirm that these (and other trucks if required) can enter and exit the building in a forward direction.

The final number of truck movements will depend on management of waste contract; final configuration of waste and recycling arrangements therefore number of bin lifts and additional irregular truck movements for hard waste.

It is our understanding that a traffic consultant is preparing drawings to confirm the swept paths for waste collections, access and egress, internal manoeuvring to assume parked position for loading and to exit, load requirements as well as collection vehicle dimensions. This information and supporting drawings will be provided separate to this report.

GARBAGE ROOM CONSTRUCTION REQUIREMENTS

The garbage rooms will be required to contain the following facilities to minimise odours, deter vermin, protect surrounding areas, and make it a user-friendly and safe area:

- Waste room floor to be sealed with a two pack epoxy
- Waste room walls and floor surface is flat and even
- All corners coved and sealed 100mm up, this is to eliminate build-up of dirt
- For residential: a hot and cold water facility with mixing facility and hose cock must be provided for washing the bins
- Any waste water discharge from bin washing must be trained to sewer in accordance with the relevant water board.
- Tap height of 1.6m
- Storm water access preventatives (grate)
- All walls painted with light colour and washable paint
- Equipment electric outlets to be installed 1700mm above floor levels
- The room must be mechanically ventilated
- Light switch installed at height of 1.6m
- Waste rooms must be well lit (sensor lighting recommended)
- Optional automatic odour and pest control system installed to eliminate all pest types. This process generally takes place at building handover – building management make the decision to install.
- All personnel doors are hinged and self-closing
- Waste collection area must hold all bins – bin movements should be with ease of access
- Conform to the Building Code of Australia, Australian Standards and local laws
- Childproofing and public/operator safety shall be assessed and ensured

SIGNAGE

The building manager/caretaker is responsible for waste room signage including all safety signage. Appropriate signage must be prominently displayed on walls and above all bins, clearly stating what type of waste or recyclables is to be placed in the bin underneath. (*See Appendix 1 – Waste Signage*)

VENTILATION

Waste and recycling rooms must have their own exhaust ventilation system either;

- Mechanically - exhausting at a rate of 5L/m² floor area, with a minimum rate of 100L/s minimum, or
- Naturally - permanent, unobstructed, and opening direct to the external air, not less than one-twentieth (1/20) of the floor area.

Mechanical exhaust systems shall comply with AS1668 and not cause any inconvenience, noise or odour problem.

STORM WATER PREVENTION & LITTER REDUCTION

Building management shall be responsible for the following to minimise dispersion of site litter and prevent stormwater pollution to avoid impact to the environment and local amenity:

- promote adequate waste disposal into the bins
- secure all bin rooms (whilst affording access to staff/contractors)
- prevent overfilling of bins, keep all bin lids closed and bungs leak-free
- take action to prevent dumping or unauthorised use of waste areas
- ensure collection contractors clean-up any spillage that may occur when clearing bins

LIMITATIONS

The purpose of this report is to document a Waste Management Plan (WMP) as part of a development application and is supplied by Elephants Foot Recycling Solutions (EFRS) with the following conditions:

- Drawings, estimates and information contained in this waste management plan have been prepared by analysing the information, plans and documents supplied by you and third parties including Council and government information. The assumptions based on the information contained in the WMP is outside the control of EFRS;
- the figures presented in the report are an estimate only – the actual amount of waste generated will be dependent on the occupancy rate of the building/s and waste generation intensity as well as the building managements approach to educating residents and tenants regarding waste management operations and responsibilities;
- the building manager will make adjustments as required based on actual waste volumes (if waste is greater than estimated) and increase the number of bins and collections where possible;
- the report will not be used to determine or forecast operational costs or prepare any feasibility study or to document any safety or operational procedures;
- the report has been prepared with all due care however no assurance or representation is made that the WMP reflects the actual outcome and EFRS will not be liable to you for plans or outcomes that are not suitable for your purpose, whether as a result of incorrect or unsuitable information or otherwise;
- EFRS offer no warranty or representation of accuracy or reliability of the WMP unless specifically stated;
- any manual handling equipment recommended should be provided at the recommendation of the appropriate equipment provider who will assess the correct equipment for supply;
- Design of waste management chute equipment and systems must be approved by the supplier.



USEFUL CONTACTS

Ku-ring-gai Council
Customer Service: 02 9424 0000

SULO MGB (MGB, Public Place bins, tugs and bin hitches)
Phone: 1300 364 388

RUD (Public place bins, recycling bins)
Phone: 07 3712 8000
Info@rud.com.au

Closed Loop (compost machine)
Phone: 02 9339 9800

National Association of Charitable Recycling Organisations Inc. (NACRO)
Phone: 03 9429 9884
Email: information@nacro.org.au

Purifying Solutions (odour control)
Phone: 1300 636 877 (1300 ODOURS)
sales@purifyingsolutions.com.au

Elephants Foot Recycling Solutions (Chutes, compactor and eDiverter systems)
44 – 46 Gibson Avenue
Padstow NSW 2211
Free call: 1800 025 073
Email: natalie@elephantsfoot.com.au

Note: Elephants Foot Recycling Solutions does not warrant or make representation for goods or services provided by suppliers.

APPENDIX 1 – STANDARD SIGNAGE FOR WASTE AND RECYCLING BINS

WASTE SIGNS - Signs for garbage, recycling and organics bins should comply with the standard signs promoted by the Department of Environment and Climate Change NSW.

Example wall posters



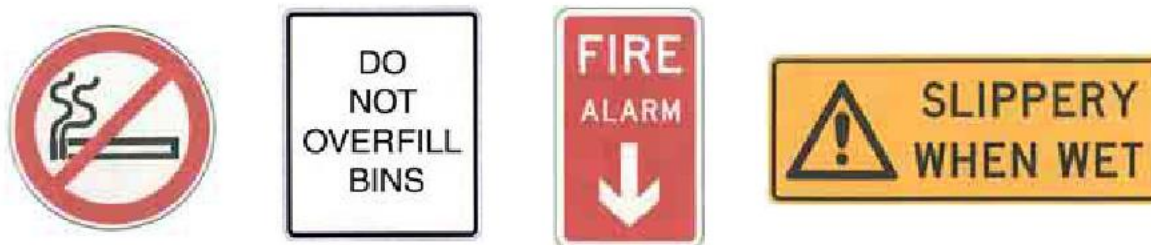
Example bin lid stickers



SAFETY SIGNS

The design and use of safety signs for waste rooms and enclosures should comply with AS 1319 Safety signs for the occupational environment. Safety signs should be used to regulate and control safety related to behaviours, warn of hazards and provide emergency information, including fire protection information. Below are some examples. Each development will need to decide which signs are relevant for its set of circumstances and services provided.

Examples of Australian Standards:



Source: Department of Environment and Climate Change NSW, Better Practice Guide for Waste Management in Multi-Unit Dwellings(2008)

KU-RING-GAI COUNCIL

What goes in your recycling bins?

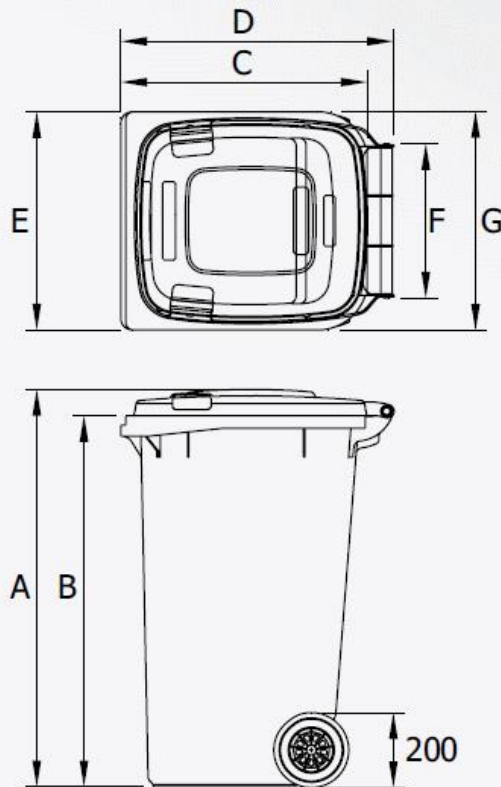
Bin	Put it in	Leave it out
Paper recycling (blue lid)	Newspapers and magazines, office paper and envelopes (window face are fine), telephone books, clean cardboard such as egg and cardboard milk cartons, tissue boxes and clean pizza boxes	Nappies, food-soiled paper and cardboard, waxed cardboard, plastic bags and plastic wrap.
Mixed recycling (yellow lid)	Disposable plastic bottles and containers from the kitchen, bathroom and laundry, aluminum and steel cans including aerosols, empty dry paint tins, glass bottles and jars, and foil-lined milk and juice cartons	Window or mirror glass, plastic toys, crockery, porcelain, ceramics, plastic bags and wrap, packing foam, foam meat trays, paint tins containing paint

APPENDIX 2 – WASTE MANAGEMENT EQUIPMENT

Dimensions - Weights - Standards

■ Nominal volume:	240 litres	
■ Net weight:	approx 13 kg	
■ Max load:	96 kg	
■ Permitted total weight:	110 kg	
■ A 1060 mm	■ D 730 mm	■ G 550 mm
■ B 990mm	■ E 585 mm	
■ C 660 mm	■ F 400 mm	

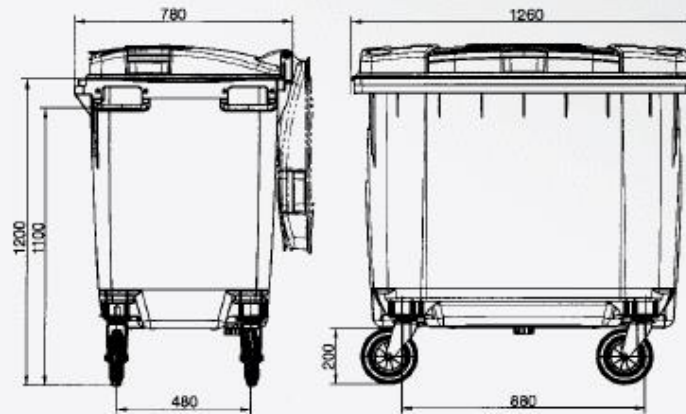
Measurements to be used as a guide only – variations will occur



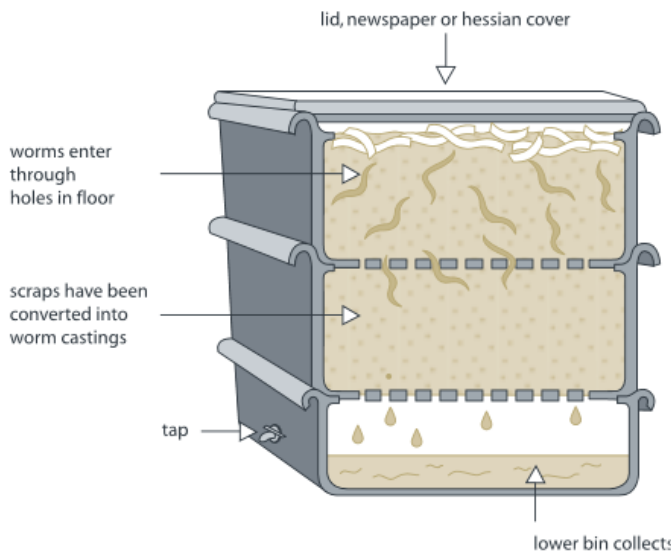
Dimensions - Weights - Standards

■ Nominal volume:	660 litres
■ Net weight:	43 kg
■ Max. load:	265 kg
■ Permitted total weight:	310 kg

Measurements to be used as a guide only - variations will occur



Worm farms



Space requirements for a typical worm farm for an average household:

Height – 300mm per level

Width – 600mm

Length – 900mm

There are many worm farm arrangements. The above dimensions are indicative only.

Source: Department of Environment and Climate Change NSW 2008, *Better Practice Guide for Waste Management in Multi-Unit Dwellings*



TYPICAL APARTMENT COMPOST BIN (SEE USEFUL CONTACTS)

Suitable for:

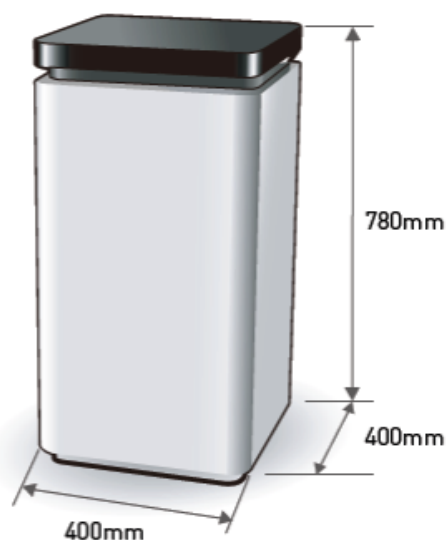
- Vegetables
- Coffee grounds and filters
- Tea and tea bags
- Crushed eggshells (but not eggs)
- Nutshells
- Houseplants
- Leaves
- Cardboard rolls, cereal
- Boxes, brown paper bags
- Clean paper
- Shredded newspaper
- Fireplace ashes
- Wood chips, sawdust,
- Toothpicks, burnt matches
- Cotton and wool rags
- Dryer and vacuum cleaner lint
- Hair and fur
- Hay and straw

Decomposition Method	Aerobic fermentation by microorganisms
Decomposition Capacity	2 metric tonnes per year** [4 kg per day**]
Rating	220–240 V 50/60 Hz – 1.1 A
Decomposition Time	24 hrs
Operating Temperature	0°C and 40°C***
Deodorisation Method	Nano-Filter system
Maximum Power	210 W
Weight	21 kgs
External Dimensions	w 400 mm d 400 mm h 780 mm

* Excludes scallop and oysters shells and large bones.

** Food Waste Handling Capacity – based on an optimal operating environment.

*** Ambient temperature range of area where unit may be installed.



ELECTRIC ORGANIC COMPOST BIN (SEE USEFUL CONTACTS)

APPENDIX 3 – TYPICAL BIN MOVER



TUG INCLINER

Typical applications:

- Move trolleys, waste bin trailers and 660litre/1100 litre bins up and down a ramp incline. Ideal for Apartment Buildings (to move waste bins located at a basement level to road level).
- Quiet, smooth operation with zero emissions and simple to use, no driver's licence required

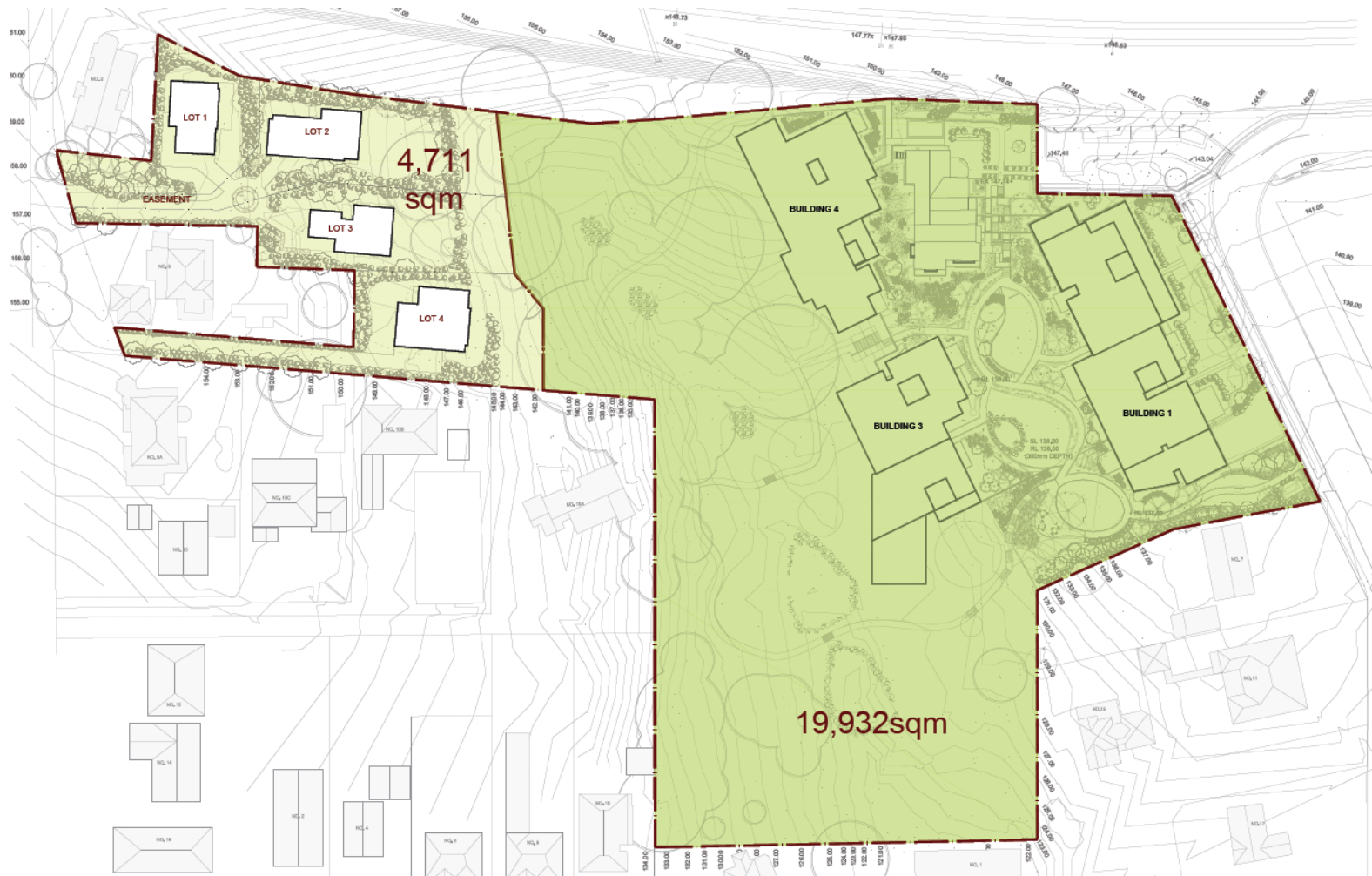
Features:

- Up to 1 Tonne on a ramp surface (depending on ballast and incline)
- Anti rollback system on slopes
- Foot print: 1548L x 795W x 1104H (handle in the drive position)
- Pin Hitch is standard however alternate hitching options may be available to suit your specific application (e.g. tow ball)

Safety Features:

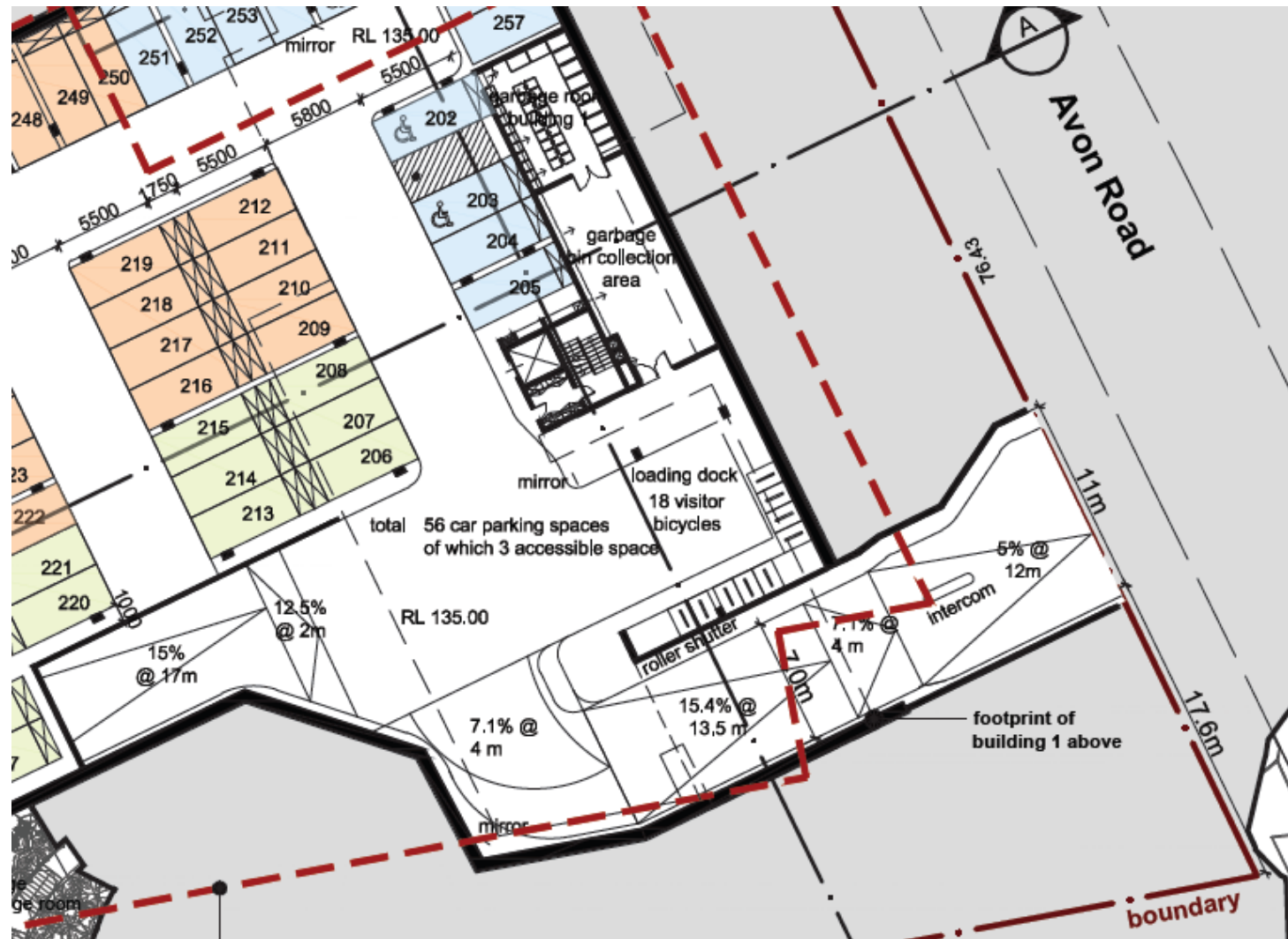
- Intuitive paddle lever control
- Stops and repels the unit if activated when reversing.
- Site assessment recommended assessing ramp incline steepness

APPENDIX 4 – SITE AREA PLAN



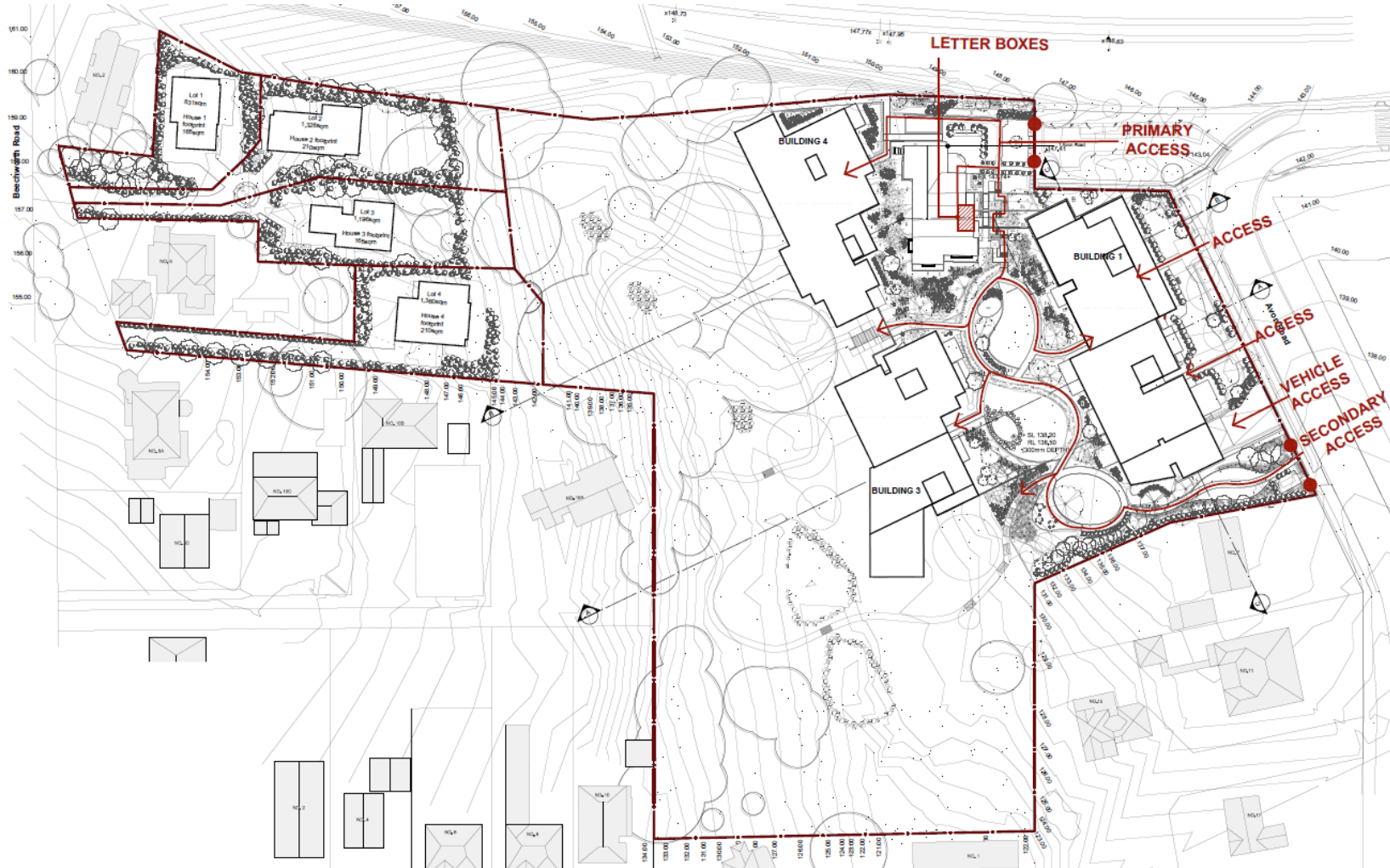
Excerpt: MP21.07 Revision U – Site Area Plan

APPENDIX 5 – LOADING DOCK & BIN COLLECTION AREA



Excerpt: MP 22.06 Rev U – Floor Plan Level RL+135

APPENDIX 6 – ACCESS LEVEL PLAN



Excerpt: MP 21.08 Rev U – Indicative Design Access Level Plan