



RISE PROJECTS

Construction & Residential Waste Management Plan

Lot 13/53B Warriewood
Road, Warriewood, NSW,
2102

22 June
2022

Introduction

This Waste Management Plan identifies the appropriate compliance measures to be implemented for the development works during the three phases of the project:

1. Demolition
2. Construction
3. Residential Use and Occupation (Operational Waste Management)

The proposed development will incorporate the waste minimisation principles of Avoid, Reduce, Reuse and Recycle while complying with the Waste Avoidance and Recovery Act 2001.

Site Address: Lot 13/53B Warriewood Road, Warriewood, NSW, 2102

Applicant: Rise Projects Pty Ltd

Project Type: Double storey Detached Dwelling.

Description of Proposal: The construction of a new double storey detached dwelling.

1. Demolition Phase

The relevant disposal and recycling facilities have been nominated in the table below. It is anticipated that local landfill and recycling facilities will be utilised for the disposal of the demolition materials. Local facilities are located within 20km radius of the project.

The following table provides estimated quantities of demolition waste materials and the proposed methods of management for each material.

| Materials on Site | | Destination | | |
|---------------------|-----------------------|-------------------------|----------------------------------|---------------------|
| Type of Material | Estimated Volume (m3) | On-site (reuse/recycle) | Off-site (contractor & Facility) | Disposal (Facility) |
| Excavation Material | N/A | N/A | N/A | N/A |
| Concrete/Bitumen | N/A | N/A | N/A | N/A |
| Bricks | N/A | N/A | N/A | N/A |
| Timbers | N/A | N/A | N/A | N/A |

| | | | | |
|-------------------|-----|-----|-----|-----|
| Green Waste | N/A | N/A | N/A | N/A |
| Plasterboard | N/A | N/A | N/A | N/A |
| Glazing | N/A | N/A | N/A | N/A |
| Metals | N/A | N/A | N/A | N/A |
| Mixed recyclables | N/A | N/A | N/A | N/A |
| General Waste | N/A | N/A | N/A | N/A |

The demolition contractor will separate the waste onsite, during the demolition phase. Demolition Contractors will use specialised machinery to carry out the demolition, minimising the mixing of waste material and reducing the need for manual labour to separate the material. All materials will need to be stockpiled in order to dispose of the recyclable materials (concrete, bricks, timbers, metals etc.) separate to the non-recyclable materials (plastics, PVC etc.). The Waste Disposal facilities nominated above may vary, depending on the preference of the Contractor that is used for the demolition phase.

2. Construction Phase

| Materials on Site | | Destination | | |
|---------------------|-----------------------|--|--|--|
| Type of Material | Estimated Volume (m3) | On-site (reuse/recycle) | Off-site (contractor & Facility) | Disposal (Contractor and Land Fill Facility) |
| Excavation Material | 18 m ³ | Proposed equal cut and fill with additional fill left on site for the owners to use within the future landscaping works. | N/A | N/A |
| Concrete | 1.8 m ³ | N/A | Mc Leans Recycling and Waste Management, Brandown, Lot 90 Elizabeth Drive, | N/A |

| | | | | |
|---------|--------------------|-----|---|-----|
| Timbers | 1.8 m ³ | N/A | Mc Leans Recycling and Waste Management, Brandown, Lot 90 Elizabeth Drive. | N/A |
|---------|--------------------|-----|---|-----|

| | | | | |
|---|--------|--|--|-----|
| Bricks | 1.5 m3 | N/A | Mc Leans Recycling and Waste Management, Brandown, Lot 90 Elizabeth Drive, | N/A |
| Green Waste | 1.5 m3 | Proposed waste to be shredded for use within the | N/A | N/A |
| Plasterboard | 1.5 m3 | N/A | Lafarge Plasterboard | N/A |
| Carpet | N/A | N/A | N/A | N/A |
| Glazing | N/A | N/A | N/A | N/A |
| Metals/Steel | 0.5 m3 | N/A | Mc Leans Recycling and Waste Management, Brandown, Lot 90 Elizabeth | N/A |
| Asphalt | N/A | N/A | N/A | N/A |
| Waffle Pods | 1 m3 | N/A | Mc Leans Recycling and Waste Management, Brandown, Lot 90 Elizabeth Drive | N/A |
| Mixed recyclables / Cardboard packaging | 1.8 m3 | N/A | Mc Leans Recycling and Waste Management, Brandown, Lot 90 Elizabeth Drive | N/A |
| General Waste | 1.8 m3 | N/A | Mc Leans Recycling and Waste Management, Brandown, Lot 90 Elizabeth Drive, | N/A |

The construction team will do all things necessary to minimise excess building materials and waste generated. Materials that can be recycled and utilised after the demolition of the existing structure such as concrete, bitumen, bricks and tiles will be crushed onsite and stockpiled for use in temporary construction access driveways, rubble drains and staging areas.

The site personnel will be informed at induction that all waste is to be separated, in order to dispose of the recyclable materials separate to the non-recyclable materials. Site cleans will take place on a regular basis and the site will be checked for recyclable/non-recyclable materials.

3. Residential Use and Occupation Phase

| Type of Waste to be Generated | Expected Volume per Week | Proposed On-Site Storage & Treatment Facilities | Destination |
|-------------------------------|--------------------------|---|--|
| Refuse | 120L/Week | Council supplied refuse bin. | Collection by means of Councils' standard collection procedures and disposed of at Council designated depots |
| Recycling | 240L/Week | Council supplied recycling bin. | Collection by means of Councils' standard collection procedures and disposed of at Council designated depots |
| Green Waste | 240L/Week | Council supplied green waste bin. | Collection by means of Councils' standard collection procedures and disposed of at Council designated depots |

The Resident of the new dwelling will be provided with operational guidelines for their new home, covering all aspects of the complex and individual dwelling, together with the roles and responsibilities of all stakeholders, including residents. A key part of the handover pack is a description of waste management services. This will clearly set out and communicate the disposal of waste and recycling methods and provisions.

The Resident is responsible for the disposal of items that do not fit in the bins provided or must have them collected as part of specifically organised council clean up services.