



PM.ANDERSON  
CONSULTING

## WASTE MANAGEMENT PLAN

| <b>PROJECT DETAILS Proposed Multi Dwelling Development</b>   |  |
|--|--|
| Address of Development   | 39 and 41 Fairfax Street Rutherford  |
| Existing buildings and other structures currently on site  | Vacant Land  |
| Description of Proposed Development  | <ul style="list-style-type: none"><li>• Construction of 21 multi dwelling housing development</li><li>• Subdivision of the land into 22 lots</li><li>• Associated civil works.</li></ul> |
| <i>This development achieves the waste objectives set out in the DCP. The details on this form are the provisions and intentions for minimising waste relating to this project. All records demonstrating lawful disposal of waste will be retained and kept readily accessible for inspection by regulatory authorities such as Council, OEH or Workcover NSW</i> |  |
| Prepared By  | PMAnderson Consulting Pty Ltd  |

## Waste Management Plan

|      |                                |
|------|--------------------------------|
| Date | 15 <sup>th</sup> January 2024. |
|------|--------------------------------|

### DEMOLITION

There is no demolition required for this development. Site establishment provisions are detailed within the construction section.

### CONSTRUCTION

| Type of waste generated               | Reuse            | Recycle            | Disposal         | Comment  |
|---------------------------------------|------------------|--------------------|------------------|--|
|                                       | Estimated volume | Estimated volume   | Estimated volume | Method of onsite reuse, recycling outlet and/or waste depot to be used   |
| Excavation Material                   |                  | 2900m <sup>3</sup> |                  | Excavated material will be disposed of on site as retaining or removed from site to an authorised landfilling operation. |
| Timber                                |                  | 6m <sup>3</sup>    |                  | Transfer to Material Recovery Facility   |
| Concrete                              |                  | 12m <sup>3</sup>   | 3m <sup>3</sup>  | Transfer to Material Recovery Facility/<br>Council Waste Facility  |
| Bricks/Pavers                         |                  | 3m <sup>3</sup>    |                  | Transfer to Material Recovery Facility   |
| Tiles (bathroom)                      |                  | 4m <sup>3</sup>    |                  | Transfer to Material Recovery Facility   |
| Metal - Roofing, Guttering, Framing   |                  | 10m <sup>3</sup>   |                  | Transfer to Material Recovery Facility   |
| Gyprock                               |                  | 4m <sup>3</sup>    |                  | Transfer to Material Recovery Facility   |
| Glass - Windows                       |                  | 4m <sup>3</sup>    |                  | Transfer to Material Recovery Facility   |
| Furniture                             |                  | N/A                |                  |  |
| Fixtures & Fittings                   |                  | N/A                |                  | Will be made to order  |
| Floor Coverings                       |                  | 2m <sup>3</sup>    |                  | Transfer to Material Recovery Facility   |
| Packaging (used pallets, pallet wrap) | 6m <sup>3</sup>  | 4m <sup>3</sup>    |                  | For reuse and transfer to Material Recovery Facility   |
| Garden Organics                       |                  | 2m <sup>3</sup>    |                  | Transfer to Material Recovery Facility/<br>reuse for landscaping   |

## Waste Management Plan

|  |  |                 |                 |  |
|--|--|-----------------|-----------------|--|
| Containers (Cans, plastic, glass)              |  | 3m <sup>3</sup> |                 | Transfer to Material Recovery Facility |
| Residual Waste                                 |  |                 | 7m <sup>3</sup> | Transfer to Council Waste Facility     |
| Hazardous/special waste eg. Asbestos (specify) |  | N/A             |                 | No hazardous materials proposed        |
| Other (specify)                                |  | N/A             |                 |  |

## ONGOING OPERATION

### Residential

|   | Recyclables   |                       | Residual Waste | Compostable |
|---|---|-----------------------|----------------|-------------|
|   | Paper/ cardboard/   | Metal/ plastic/ glass |                |             |
| Amount generated (L per day)                              |   |                       |                |             |
| Amount generated (L per development per week)             | 21 x 60   |                       | 21 x 240       | 21 x 60     |
| Any reduction due to compaction equipment                 | Nil   |                       | Nil            |             |
| Frequency of collections (per week)                       | Fortnightly   |                       | Weekly         | Fortnightly |
| Number and size of storage bins required                  | 1 x 120   |                       | 1 x 240L       | 1 x 120L    |
| Floor area required for storage bins (m <sup>2</sup> )    | 1.3m <sup>2</sup> for all bins                                    |                       |                |             |
| Floor area required for manoeuvrability (m <sup>2</sup> ) | All bins are able to be manoeuvred on the site without any issues |                       |                |             |
| Height required for manoeuvrability (m)                   | Height exceeds 2m   |                       |                |             |

## CONSTRUCTION DESIGN

|  |
|--|
| <b>Outline how measures for waste avoidance have been incorporated into the design, material purchasing and construction techniques of the development.</b>  |
| <b>Materials</b><br>Careful bill of quantities by builder to ensure that building materials are used or returned to the supplier for refund. Arrange for delivery of all materials to ensure that materials are used in an as needed basis. Any excess material will be recycled or reused in accordance with this Plan.   |
| <b>Lifecycle</b><br>Careful selection of materials which will minimise replacement of substandard products in years to come. Selection of quality paints and finishes will reduce the need to re-apply and minimise maintenance to the proposed structure.   |
| <b>Detail the appropriate needs for the ongoing use of waste facilities including the transfer of waste from the residents, the servicing of waste location and frequent of waste transfer and collection. If truck access is required then engineering details are required.</b>  |
| Residents will transfer waste to bins. Bins will be transported to the internal/Driveway roadside by the residents for collection by the Council waste service on a weekly basis. The path of travel is from the individual dwelling units to the street/driveway for collection. Upon collection the residents will return bins to the individual storage area as soon as practical following collection of the bins. |

## PLANS & DRAWINGS

The following checklists are designed to help ensure WMP are accompanied by sufficient information to allow assessment of the application.

Drawings are to be submitted to scale, clearly indicating the location of and provisions for the storage and collection of waste and recyclable during:

- Demolition –
- Construction –
- Ongoing operation.

Waste Management Plan

|   |  |
|---|--|
| <b>DEMOLITION</b><br>Do the site plans detail/indicate: | <b>Y</b>   |
| Size & location of waste storage areas                  | Demolition skip bins will be stored on site near the demolition area |
| Access for waste collection vehicles                    | The existing access provides adequate access for waste vehicles      |
| Areas to be excavated                                   | Covered on civil plans   |
| Types and numbers of storage bins likely to be required | 1 x 3m <sup>3</sup> skip   |

|  |   |
|--|---|
| <b>CONSTRUCTION</b><br><i>Refer to Section 2.14.2.1 of the chapter for specific objectives and measures.</i><br>Do the site plans detail/indicate: | <b>Y</b>  |
| Size & location of waste storage areas   | Skip bin to be stored on site away from adjoining properties    |
| Access for waste collection vehicles   | The existing access provides adequate access for waste vehicles |
| Areas to be excavated  | Nil   |
| Types and numbers of storage bins likely to be required  | 2 x 3m <sup>3</sup> skip  |

**ONGOING OPERATION**

|   | <b>Comment</b>     |
|---|--------------------|
| <b>SPACE</b>                                      |                    |
| Size and location of waste storage areas          | Adjacent to garage |
| Recycling bins placed next to residual waste bins | Adjacent to garage |
| <b>ACCESS</b>                                     |                    |

## Waste Management Plan

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|---|---|
| Bin carting grade not to exceed 10% and travel distance not greater than 100m in length | Travel distance is less than 100m, and can be accessed from each dwelling unit. |
| Clearance, geometric design and strength of internal access driveways and roads         | N/A – road side collection  |
| Direction of traffic flow for internal access driveway and roads                        | See DA plans  |

### **NOTES REGARDING ASBESTOS**

Buildings built before 1988 may contain asbestos in the form of flat or corrugated sheets ('fibro') used for walls, ceilings and roofing, or in products such as pipes, electrical conduit and eaves.

To prevent access to the area which may contain asbestos the site should be securely fenced. The site will need to be continually damped down so as not to cause runoff or sprayed with PVA to ensure that the asbestos cannot become airborne. This needs to continue until the site is cleaned up.

If asbestos is discovered during demolition, all work is to cease until the extent is determined and a suitably qualified and approved contractor is used to appropriately remove and dispose of all material.