

## **WASTE MANAGEMENT PLAN**

### **DEMOLITION, CONSTRUCTION AND USE OF PREMISES**

The applicable sections of this table must be completed and submitted with your Development Application.

Completing this table 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 on the form (and on your plans) will be assessed against the objectives of the DCP.

If space is insufficient in the table please provide attachments.

### **Outline of Proposal**

Site Address: Lot A, DP 357632  
2-4 Cambridge Street, Epping NSW 2121

Applicant's name and address: Marshall Street Pty Ltd  
PO Box 229, Eastwood NSW 2122

Phone: 0412 296 389 (Tom Kudinar) Fax:

Buildings and other structures currently on the site: 3 storey Brick Building

Brief Description of Proposal: Proposed Mixed Use Development with Basement Parking.

The details provided on this form are the intentions of managing waste relating to this project.

Signature of Applicant: \_\_\_\_\_ Date:

## **SECTION ONE – DEMOLITION**

This is the stage with the greatest potential for waste minimisation, particularly in Sydney where there are high levels of development, relatively high tipping charges and where alternative quarry materials are located on the outskirts.

Applicants should consider if it is possible to re-use existing buildings, or parts thereof, for the proposed use.

With careful on-site sorting and storage and by staging work programs, it is possible to re-use many materials, either on-site or off. Instead of simply pulling down a building, waste management encourages the practice of recycling on site. This could require a number of colour-coded or clearly labeled bins on-site rather than one size fits all.

- Location of on-site storage space for materials (for re-use) and containers for recycling and disposal.
- Vehicle access to the site and to storage and container areas.

Continued Over Page

**Demolition Stage 1**

| Materials On-Site              |  | DESTINATION   |  |   |
|--------------------------------|--|---|--|---|
|                                |  | RE-USE AND RECYCLING  |  | DISPOSAL  |
| Type of Material               | Estimated Volume (m <sup>3</sup> ) or Area (m <sup>2</sup> ) | <b>ON-SITE</b> <ul style="list-style-type: none"> <li>Specify proposed reuse or on-site recycling methods.</li> </ul> | <b>OFF-SITE</b> <ul style="list-style-type: none"> <li>Specify contractor and recycling outlet.</li> </ul> | <ul style="list-style-type: none"> <li>Specify contractor and landfill site.</li> </ul> |
| Excavation Material            | 26.775m <sup>3</sup>   | Keep and re-use topsoil for landscaping. Store on-site. Use some behind retaining walls etc.                          | Art Excavations and Demolitions. P.O Box M37 Bankstown NSW 2200  | Nil   |
| Green Waste                    | 25m <sup>3</sup>   | Separated. some chipped and stored on-site for re-use on landscaping  | Remainder to Australian Native Landscapes P/L Badgerys Creek   | Nil   |
| Bricks                         | 406m <sup>3</sup>  | Clean and re-use lime mortar bricks for fill  | Concrete mortar bricks to Brandown Crushing and Recycling Company  | Nil   |
| Concrete                       | 1.384m <sup>3</sup>  | Crush concrete for temporary driveway   | Concrete to Brandown crushing and Recycling Company  | Nil   |
| Timber – Hardwood/pine         | 852m <sup>2</sup>  | Re-use for formwork and studwork. Chip remainder for use in landscaping.  | To stockpile at Brandown transfer station, by approved Waste Contractor                                    | Nil   |
| Plasterboard                   | 1180m <sup>2</sup>   | Break-up and remove from site   | To Brandown Recycling Facilities   | Nil   |
| Glass                          | 240m <sup>2</sup>  |   |  |   |
| Metals – Zinc-alum             | 350m <sup>2</sup>  | Nil   | To Sellandparker Metal Recyclers   | Nil   |
| Tiles and door fitting         | 260m <sup>2</sup>  | Broken tiles for fill on-site sale of door fittings   | Remainder to Brandown Recycling facilities   | Nil   |
| Kitchen cupboard, sink & stove |  | Nil   | To Brandown Recycling Facilities   | Nil   |
| Bathtub vanity and closet pan  |  | Nil   | To Brandown Recycling Facilities   | Nil   |
| Asbestos/Fibre Cement          | -  | Nil   | To Kari and Ghossayn Land Fill By Approved Waste Contractor  | Kari and Ghossayn Waste Depot Clifton Ave, Kemps Creek                                  |

Note: Details of site area to be used for on-site separation, treatment and storage (including weather protection) should be provided on the plan drawings accompanying your application.

## **SECTION TWO – CONSTRUCTION AND USE**

### **Section 2(a) – Potential for Waste Minimisation During Construction Stage**

The following measures should be considered when looking to save resources and minimise waste at the construction stage.

- Purchasing Policy – considering measures such as ordering the right quantities of materials and prefabrication of materials where possible;
- Reusing formwork;
- Minimising site disturbance, limiting unnecessary excavation;
- Careful source separation of off-cuts to facilitate re-use, resale or efficient recycling; and
- Co-ordination/sequencing of various trades.

The following details should be shown on your plans.

- Location of temporary storage space within each dwelling unit;
- Location of Waste Storage and recycling Area(s), per dwelling unit or located communally on-site. In the latter case this could be a Garbage and Recycling room;
- Details of design for Waste Storage and Recycling Area(s) or Garbage and Recycling Room(s) and any conveyance of volume reduction equipment; and
- Location of communal composting area.

### **Section 2(b) – Design Of Facilities**

The following details should be shown on your plans:

- Location of Waste Storage and Recycling Area(s) per unit or located communally on-site;
- Details of design of Waste Storage and Recycling Area(s);
- Where appropriate, design details of Garbage and Recycling Room(s);
- Access for vehicles.

Every building shall be provided with a Waste Storage and recycling Area which is flexible in size and layout to cater for future changes in use. The size is to be calculated on the basis of waste generation rates and proposed bin sizes.

### **Section 2(c) – On-going Management**

This section will enable you to describe how you intend to ensure on-going management of waste on-site (e.g. lease conditions, care-taker/manager on-site).

**Construction - Stage 2(a)**

| Materials On-Site   |  | DESTINATION   |  |   |
|---|--|---|--|---|
|   |  | RE-USE AND RECYCLING  |  | DISPOSAL  |
| Type of Material  | Estimated Volume (m <sup>3</sup> ) or Area (m <sup>2</sup> ) | <b>ON-SITE</b> <ul style="list-style-type: none"> <li>Specify proposed reuse or on-site recycling methods.</li> </ul> | <b>OFF-SITE</b> <ul style="list-style-type: none"> <li>Specify contractor and recycling outlet.</li> </ul> | <ul style="list-style-type: none"> <li>Specify contractor and landfill site.</li> </ul> |
| Excavation Material   |  | Covered in sectional as part of demolition  |  |   |
| Green Waste   |  | Covered in sectional as part of demolition  |  |   |
| Bricks  | 15m <sup>3</sup>   | Use for fill behind retaining walls   | Remainder to Brandown Crushing and Recycling Company   | Nil   |
| Concrete  | 9m <sup>3</sup>  | Use for fill behind retaining walls   | Remainder to Brandown Crushing and Recycling Company   | Nil   |
| Timber – Oregon Pine<br>Timber pallets<br>Particle board finishes | 45m <sup>3</sup>   | Chip for landscaping sell some on-site for firewood   | Remainder to approved landscaping supplies of chipping and composting                                      | Nil   |
| Plasterboard  | 20m <sup>3</sup>   | Break-up and use in landscaping   | Remainder to Boral Recycling 3 Thackery St Camellia 2142   | Nil   |
| Metals – Copper<br>Aluminum                                       | 9m <sup>3</sup>  | Nil   | To Selland Parker Metal Recyclers for re-use   |   |
| Other – Electrical fittings<br>Reject trade-ins<br>PVC Plastic    | 60m <sup>3</sup>   | Nil   |  | To Collex Recycling Waste Contractors   |

Note: Details of site area to be used for on-site separation, treatment and storage (including weather protection) should be provided on the plan drawings accompanying your application.

**Design of Facilities – Stage 2(b) All waste removal by Council's contractor**

| TYPE OF WASTE TO BE GENERATED   | EXPECTED VOLUME PER WEEK                  | PROPOSED ON-SITE STORAGE AND TREATMENT FACILITIES  | DESTINATION  |
|---|---|--|--|
| Please specify. For example: glass, paper, food waste, off cuts etc.  | Liter or m <sup>3</sup>                   | For example: <ul style="list-style-type: none"> <li>Waste storage &amp; recycling area</li> <li>Garbage chute</li> <li>On-site composting</li> <li>Compaction equipment</li> </ul> | <ul style="list-style-type: none"> <li>Recycling</li> <li>Disposal</li> <li>Specify Contractor</li> </ul>                |
| A. Residential Recyclables:-<br>1. Home paper and cardboard waste.<br>2. Glass, aluminum and plastic (bottles).         | 2160 Liters<br>2160 Liters                | A. 240 liters waste bin for paper, cardboard, glass, plastic and aluminum.   | Paper/cupboard to recyclers<br>Glass/aluminum & plastic to collected by council appointed contractor                     |
| Total   | 18 Bins                                   |  |  |
| B. Residential Non-recyclables:-<br>1. Food scraps etc.<br>2. Other plastics (e.g. wrapping).<br>3. Unrecyclable waste. | 1540 Liters<br>1540 Liters<br>1540 Liters | B. 660 liters waste container  | To be collected by Council appointed contractors   |
| Total   | 7 Containers                              |  |  |
| C. Residential Garden Waste   | 480 Litres                                | C. 240 Litres waste bin  | To be collected by Council's appointed contractors   |
| Total   | 2 Bins                                    |  |  |
| A. Commercial Recyclables:-<br>1. Home paper and cardboard waste.<br>2. Glass, aluminum and plastic (bottles)           | 660 Litres<br>660 Litres                  | A. 660 litres container for paper, cardboard, glass, plastic and aluminum  | Paper/ cardboard to recyclers<br>Glass/ aluminum & plastic to be collected by private contractor to Council requirements |
| Total   | 2 Containers                              |  |  |
| B. Commercial Non-recyclables:-<br>1. Foodscraps etc.<br>2. Other plastics (eg wrapping)<br>3. Unrecyclable waste.      | 440 Litres<br>440 Litres<br>440 Litres    | B. 660 Litres waste container  | To be collected by private contractor to Council requirements  |
| Total   | 2 Containers                              |  |  |

Note: Details of on-site waste management facilities should be provided on the plan drawings accompanying your application.

**On-going Management – Stage 2(c)**

Describe how you intend to ensure on-going management of waste on-site (e.g. lease conditions, caretaker/manager on-site).

1. The Strata Management will prepare an Environmental Management System addressing home waste and recycling. This will include expectations and achievable objects for sorting and

- separating waste. Also a regular waste audit.
2. An information kit for tenants followed up every 12 months.
  3. The waste storage and recycling area will be located as approved location by Council.
  4. The tenant will be responsible for transferring materials to the Area and the Body Corporate responsible for keeping the area clean and tidy.

Thank you for the information.