

WASTE MANAGEMENT PLAN

DEMOLITION, CONSTRUCTION AND USE OF PREMISES

Waste management relates to the minimisation of waste, the utilisation of recycled materials, the recycling of waste materials and appropriate storage and disposal of waste.

Applicant's name: Bob Vujicic

Phone: 0413389036

Site Address: 84 Lincoln Ave, Collaroy Plateau

Brief Description of
Proposal: First floor extension and roof replacment

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

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.

Applicant's 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.

Demolition

Materials On-Site		DESTINATION		
		RE-USE AND RECYCLING		DISPOSAL
Type of Material	Estimated Volume (m ³) or Area (m ²)	ON-SITE <ul style="list-style-type: none">• Specify proposed reuse or on-site recycling methods.	OFF-SITE <ul style="list-style-type: none">• Specify contractor and recycling outlet.	<ul style="list-style-type: none">• Specify contractor and landfill site.
Excavation Material	0.5m ³	Keep and re-use topsoil for landscaping. Store on-site. Use some behind retaining walls etc.	Kimbriki Waste Depot	Nil
Green Waste	1m ³	Separated. If any trees chipped and stored on-site for re-use on	Kimbriki Waste Depot	Nil

		landscaping		
Bricks	1m ³	Clean and re-use lime mortar bricks for fill	Kimbriki Waste Depot	Nil
Concrete	12.5m ²	Crush concrete for temporary driveway	Kimbriki Waste Depot	Nil
Cladding/Weatherboard	0m ²	Break-up and remove from site	Kimbriki Waste Depot	Nil
Timber – Hardwood/pine	1m ²	Re-use for formwork and studwork. Chip remainder for use in landscaping.	Kimbriki Waste Depot	Nil
Plasterboard	0m ²	Break-up and remove from site	Kimbriki Waste Depot	Nil
Metals – Zinc-alum	0m ²	Nil	Brookvale Metal Recyclers	Nil
Tiles and door fitting Including roof tiles	130m ²	Broken tiles for fill on-site sale of door fittings	Kimbriki Waste Depot	Nil
Kitchen cupboard, sink & stove	1	Nil	Kimbriki Waste Depot	Nil
Bathtub vanity and closet pan		Nil	Kimbriki Waste Depot	Nil
Asbestos		Nil	Kimbriki Waste Depot	Kimbriki Waste Depot

				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 ³) or Area (m ²)	ON-SITE <ul style="list-style-type: none"> Specify proposed reuse or on-site recycling methods. 	OFF-SITE <ul style="list-style-type: none"> Specify contractor and recycling outlet. 	<ul style="list-style-type: none"> Specify contractor and landfill site.
Excavation Material		Covered in sectional as part of demolition		
Green Waste		Covered in sectional as part of demolition		
Bricks	3m ³	Use for fill behind retaining walls	Remainder to Kimbriki Crushing and Recycling Company	Nil
Concrete	4m ³	Use for fill behind retaining walls	Remainder to Kimbriki Crushing and Recycling Company	Nil
Timber – Oregon Pine Timber pallets Particle board finishes	6m ³	Chip for landscaping sell some on-site for firewood	Remainder to approved landscaping supplies of chipping and composting	Nil
Plasterboard	if any	Break-up and use in landscaping	Remainder to Kimbriki Crushing and Recycling Company	Nil
Metals – Copper	if any	Nil	Kimbriki Waste	

			Depot	
--	--	--	-------	--

Aluminum			Recyclers for re-use	
Other – Electrical fittings Reject trade-ins PVC Plastic	10m ³	Nil		Kimbriki Waste Depot

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) Commercial part not to change and is existing

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.	Litres or m ³	For example: <ul style="list-style-type: none"> Waste storage & recycling area Garbage chute On-site composting Compaction equipment 	<ul style="list-style-type: none"> Recycling Disposal Specify Contractor
A. Recyclables:- 1.Home paper and cardboard waste. 2.Glass, aluminum and plastic (bottles).	60 Litres 60 Litres	A. 240 litre recycle bin for paper, cardboard, glass, plastic and aluminum.	Paper/cupboard to recyclers Glass/aluminum & plastic to collected by Council waste collection services.
Total	120 Litres		

<p>B. Non-recycables:-</p> <p>1.Foodscraps etc.</p> <p>2.Other plastics (eg wrapping).</p> <p>3.Unrecycable waste.</p>	<p>20 Litres</p> <p>20 Litres</p> <p>20 Litres</p>	B. As above.	To be collected by Council waste collection services.
--	--	--------------	--

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, manager on-site).

1. Use of Council's existing waste collection and recycling service. .
2. The waste storage and recycling area will be located as approved location by Council.

The proposed development will have a number of waste streams during both the construction and operational phases.

These waste streams have been identified and the application of this management plan can ensure waste minimisation practices are upheld.