

Waste Management Plan

Proposed construction of a dual occupancy development including driveways, car spaces and associated landscape works.

At

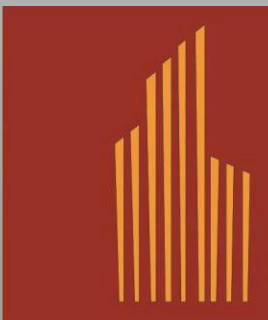
**20 O'Connell Lane, CADDENS
Lot 1 in D.P 1166546**

UNIVERSAL PROPERTY GROUP P/L

trading as Bathla Group

ABN 98 078 297 748

PO Box 270
Wentworthville NSW 2145
P 02 9636 2465
F 02 9688 4762
info@bathla.com.au



Prepared and published by:
Universal Property Group
Pty Ltd
PO Box 270
Wentworthville NSW 2145

ABN 98 078 297 748

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Printed May 2014

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 now 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: 20 O'Connell Lane, CADDENS

Applicant's name and address: Bathla Investments Pty Ltd
PO Box 270 Wentworthville, NSW 2145

Phone: 9636-2465 Fax: 9688-4762

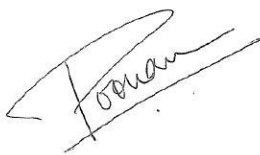
Buildings and other structures currently on the site: Vacant Land

Brief Description of proposal: Proposal for a dual occupancy development.

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

Signature of applicant:

Date: 28-05-2014



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

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		Keep and re-use topsoil for landscaping. Store on-site. Use some	Art Excavations and Demolitions. P.O Box M37 Bankstown NSW	Nil
Green Waste		Separated. some chipped and stored on-site for re-use on landscaping	Remainder to Australian Native Landscapes P/L Badgerys Creek	Nil
Bricks		Clean and re-use lime mortar bricks for fill	Concrete mortar bricks to Brandown Crushing and Recycling Company	Nil
Concrete		Crush concrete for temporary driveway	Concrete to Brandown crushing and Recycling Company	Nil
Timber – Hardwood/pine		Re-use for formwork and studwork. Chip remainder for use in landscaping.	To stockpile at Barndown transfer station, by approved Waste Contractor	Nil
Plasterboard		Break-up and remove from site	To Brandown Recycling Facilities	Nil
Metals – Zinc-alum		Nil	To Sellandparker Metal Recyclers	Nil
Roof Tiles & door fittings		Broken tiles for fill; on-site sale of door fittings	Remainder to Brandown Recycling facilities	Nil
Kitchen cupboard, sink &		Nil	To Brandown Recycling Facilities	Nil
Bathtub vanity and closet pan		Nil	To Brandown Recycling Facilities	Nil
Asbestos		Nil	To Kari and Ghossayn Land Fill By Approved Waste Contractor	Kari and Ghossayn Waste Depot Clifton Ave, Kemps

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	2.5m ³	Use for fill behind retaining walls	Remainder to Brandown Crushing and Recycling Company	Nil
Concrete	2.0m ³	Use for fill behind retaining walls	Remainder to Brandown Crushing and Recycling Company	Nil
Timber –Oregon Pine Timber pallets Particle board finishes	8m ³	Chip for landscaping sell some on-site for firewood	Remainder to approved landscaping supplies of chipping and composting	Nil
Plasterboard	3m ³	Break-up and use in landscaping	Remainder to Boral Recycling 3 Thackery St Camellia 2142	Nil
Metals – Copper Aluminum	1.2m ³	Nil	To Selland Parker Metal Recyclers for re-use	
Other – Electrical fittings Reject trade-ins PVC Plastic	1.5m ³	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)

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 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).	240 Liters 240 Liters	A. 240 Liter waste bin for paper, cardboard, glass, plastic and aluminum.	Paper/cupboard to recyclers Glass/aluminum & plastic to collected by council appointed contractor
Total	2 Bins		
B. Non-recyclables:- 1.Foodscraps etc. 2.Other plastics (eg wrapping). 3.Unrecyclable waste.	160 Liters 160 Liters 160 Liters	B. 240 Liter waste bin	To be collected by Council appointed contractors
Total	2 Bins		

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