ALLCASTLE HOMES
A family company building family homes

Waste Management Plan

Construction and Use of Premises

We have completed the tables within this document to identify the type of waste that will be generated and will advise Council of how we intend to reuse, recycle or dispose of waste.

The information provided on this form (and on the submitted plans) is in line with objectives of the DCP.

Outline of Proposal			
Site Address:	Lot 1 (21) Brown Street, Forestville		
Applicant's Name:	Allcastle Homes Pty Ltd		
Applicant's Address:	96-100 Toongabbie Road Girraween NSW 2145		
Phone:	9672 7055	Fax:	9672 7033
Buildings and other structures currently on site:	N/A		
Brief Description of Proposal:	Construction of a residential dwelling		
The details provided on this form are the intentions for managing waste relating to this project.			
Signature of Applicant:	K.Nguyen	Date:	

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Stage One – Demolition

Demolition does not form part of this application.

Stage Two – Construction

Stage Two – Potential for Waste Minimisation During Construction Stage

- Consider for following measures that may also save resources and minimise waste at the construction stage:

- Purchasing Policy – i.e. Ordering the right quantities of materials and prefabrication of materials where possible
- Re-using formwork
- Minimising site disturbance, limiting unnecessary excavation
- Careful source separation of off-cuts to facilitate re-use, resale or efficient recycling
- Co-ordination/sequencing of various trades

How to Estimate Quantities of Waste

- There are many simple techniques to estimate volumes of construction and demolition waste. The information below can be used as a guide when completing a waste management plan:

To Estimate Your Waste:	
i.	Quantify materials for the project
ii.	Use margin normally allowed in ordering
iii.	Copy these amount of waste into your waste management plan

- When estimating waste the following percentages are building "rule of thumb" and relate to renovations and small home building:

Material	**Waste as a percentage of the total material ordered**
Timber	5-7%
Plasterboard	5-20%
Concrete	3-5%
Bricks	5-10%
Tiles	2-5%

Converting Volume into Tonnes: A Guide for Conversion

Timber	=0.5 tonne per m^3
Concrete	= 2.4 tonne per m^3
Bricks	=1.0 tonne per m^3
Tiles	=0.75 tonne per m^3
Steel	=2.4 tonne per m^3

- To improve provide more reliable figures:

- Compare your projected waste quantities with actual waste produced
- Conduct waste audits of current projects
- Note waste generated and disposal methods
- Look at past waste disposal receipts
- Record this information to help estimate future waste management plans

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Construction Stage Two – for proposals involving construction

MATERIALS ON-SITE		**DESTINATION**		
		RE-USE & RECYCLING		DISPOSAL
Type of Material	Estimated Volume (m^3) or Area (m^2) or weight (t)	ON-SITE *Specify how materials will be re-used or recycled on-site	OFF-SITE *Specify the contractor and recycling outlet	*Specify the contractor and landfill site
*EXAMPLE *eg. Bricks	*eg. $2m^3$	*eg. clean & reuse for footings and broken bricks behind retaining walls	* eg. sent by XYZ Demolishers to ABC Recycling Company	* eg. nil to landfill
Excavation Material	$10m^3$ +	Some use for onsite fill	KDS Loftus St Riverstone	Nil to landfill
Green Waste	Nil	-	-	Nil
Bricks	Total 8-$10m^3$	Waste Bin	Boral Recycling Wetherill Park or Crushed and recycled at Brandowns Elizabeth Drive Horsley Park (Richard Vella Excavations)	Nil
Tiles		Waste Bin		Nil
Concrete		Waste Bin		Nil
Timber – please specify	4-$5m^3$	Waste Bin	100% Recycle Australian Native Landscapes – Eastern Creek	Nil
Plasterboard		Waste Bin	Collected by Boral Five Star Recycling Plant	Nil
Metals	50kg	-	Sims Metals Collected	Nil