

WASTE MINIMISATION & MANAGEMENT PLAN

PROJECT: Proposed Residential Development
SITE ADDRESS: 8-12 Princes Hwy, Mollymook NSW
APPLICANT: R & G Creations
PROJECT No: 18-0040
DATE: 4 July 2022

The following details outline the intentions for managing waste generated by this project, in accordance with Shoalhaven Council Requirements.

Please find attached:

1. Proposal
2. Demolition Stage
3. Bulk Excavation
4. Construction Stage
5. Servicing and Ongoing Use of Premises



1. PROPOSAL

The proposed Development consists of demolition of an existing motel and managers residence and construction of a residential flat building containing 28 apartments and 48 car parking spaces. Refer to drawings DA03-DA08 This Plan includes the demolition, bulk excavation, construction and ongoing use of the proposed development.

2. DEMOLITION

The existing site contains a motel building and associated pool, which will be demolished.

Material	Quantity Estimated vol (m ³) or weight (t)	Method			Destination
		Recycled on-site	Recycled off-site	Disposal	
Timber	20		✓		Use for formwork on-site. Contractor to deliver remaining to Nowra Tip
Plasterboard	9.5			✓	Contractor delivery to Nowra Tip
Roof Iron	0.5		✓		Contractor delivery to Nowra Tip
Concrete	55		✓		Contractor to segregate & delivery to Nowra Tip
Bricks	99		✓		Contractor to segregate & delivery to Nowra Tip
Asbestos	-			✓	If Asbestos is found, contractor will deliver to Nowra Tip appropriated wrapped, in accordance with Australian Standards
Organics (green waste, vegetation)	14	✓	✓		Chipped on site for landscaping. Sold (or free) as firewood
Doors	2.6		✓		Contractor delivery to second hand building yard
Carpet	7.5		✓		Contractor delivery to second hand building yard. If damaged, delivery to Nowra Tip
Aluminium Windows	2.9		✓		Contractor delivery to second hand building yard. If damaged, delivery to Nowra Tip

3. BULK EXCAVATION

The proposal includes the bulk excavation with on site recycling and disposal at an approved landfill site.

Bulk Excavation	Estimated Volume	Location Landfill
Top Soil	330 m ³	Reuse on site for landscaping
Compacted Fill	2400 m ³	Reuse on site back fill
Clean Fill		Approved Land fill site – to be determined by Contractor



4. CONSTRUCTION

The construction waste, including volume, recycling and servicing requires servicing of material waste, general waste and recycling to be carried out on the site.

Material	Quantity vol (m ³) or weight (t)	Method			Destination
		Recycled on-site	Recycled off-site	Disposal	
Bricks & Blocks	19.5 m ³		✓		Contractor to segregate any excess and transport to Ulladulla Tip
Concrete	112 m ³	✓	✓		Recycled on-site for back fill and builder to segregate any excess and transport to Ulladulla Tip
Insulation material	39 m ³			✓	Contractor to transport to Ulladulla Tip
Timber off-cuts	3 m ³			✓	Use for framework where possible, remaining to be transported by contractor to Nowra Tip
Steel/metal off-cuts	4.2 m ³		✓		Return to supplier or to Nowra Tip
Fibre-cement sheet	2 m ³			✓	Return undamaged sheets to supplier, remaining to be transported by contractor to Nowra Tip
Plasterboard	9.6 m ³			✓	Return un-used sheets and off-cuts to supplier for recycling, remaining to be transported by contractor to Nowra Tip
Paint & other drum type containers & surplus paint				✓	Separate and contractor to transport to Nowra Tip
Sand	1 m ³	✓			Use in landscaping or site fill if needed, remaining to be transported to Nowra Tip
Non-ferrous metals (copper pipe, electrical wires, alumin cans etc)			✓		Contractor to transport to Nowra Tip
Pallets			✓		Return to supplier for re-use
Packaging (cardboard/ paper/ plastic wrap/timber etc)			✓		Use plastic wrap as covers on site. Where possible, return to supplier for re-use. Segregate cardboard for recycling with Shoalhaven Waste Services, timber to chipping stockpile – no nails. Contractor to transport balance to Nowra Tip
Plastic pipe off-cuts (water supply and drainage) & beverage containers			✓		Contractor to transport balance to Nowra Tip
Other			✓	✓	Separate and transport for recycling where possible. Contractor to transport balance to Nowra Tip

Important Note:

An area shall be set aside and shall be sufficient to locate the various waste streams (bricks & tiles, concrete, timber, steel, non-ferrous metals, plasterboard, pallets, plastics, cardboard, packaging, paint and paint drums and other waste). Space shall also be provided for bulk materials such as sand that are not stored in skips. This area shall be kept clear so that vehicles have ready access and manoeuvring room and shall also be kept in a tidy condition both for WHS reasons and to encourage separation of waste materials.

The waste management principles and facilities in use on the site shall be included as part of the site induction for all personnel working on the site and their correct use shall be rigidly enforced.



5. SERVICING & ONGOING USE OF PREMISES

The following is proposed:

- Three 1100 litre recycling bins.
- Three 1100 litre garbage bins.

Garbage and Recycling bins will be provided in accordance with the “Better Practice Guidelines for Waste Management and Recycling”, published by NSW Environment Protection Authority. These will be in the form of 1100 L bulk bins on wheels to be collected by a commercial contractor.

The facility is provided with garbage and recycling chutes which will allow residents to easily dispose of waste. There will be smaller bins at the base of the chutes which will be managed, cleaned and swapped out by the building manager as required.

The bulk bins will be enclosed in a suitable structure within the carpark for easy and safe collection. The building manager will transport the bins from the enclosure to the street for collection and return to the enclosure after collection to ensure bins are not left on the verge.

Proposed waste and recycling system

What type of waste & recycling system is proposed? Wheelie Bins

Waste system is clearly detailed in plans submitted as part of this Development Application



Amenity

Screened from public view



Minimises odour & noise impacts on residents & neighbours



Complements the building design & surrounds



Size

Large enough for the amount of waste generated



Sufficient size to accommodate waste containers



(If using wheelie bins), Street frontage is wide enough



Access

Waste storage area will be easily accessible for people to deposit waste



A realistic travel distance to walk to storage area



Wheelie bins can easily be moved to kerb side



For on-site waste collection, suitable area for waste collector



Functional

Protected from weather



Secure from vandalism & illegal dumping



Functional waste storage inside the premises



Please note:

The above summary points have been extracted from Councils Requirements, Controls for Waste Minimisation and Management Policy in order to compile this part of the report.