

SITE WASTE AND RECYCLING MANAGEMENT PLAN

(SWRMP)

PROPOSED ALTERATIONS AND ADDITIONS

53B AMOURIN STREET, NORTH MANLY

INTRODUCTION

This Waste Management Plan (SWRMP) has been prepared for a development application which includes the demolition of an existing one storey garage and construction of a 2 storey addition consisting of a new garage and storage on ground floor, and a new bedroom and ensuite in the first floor.

The proposal is more particularly described in the architectural drawings and Statement of Environmental Effects prepared by BEWONER STUDIO.

This WMP outlines the management of waste during demolition, construction and the on-going operational use of the building.

DEMOLITION AND EXCAVATION

Existing buildings and improvements on the site consist of the removal of 2 trees and the construction of a two storey addition to the existing house.

The development proposal includes the demolition of the existing one storey garage.

The existing structure to be demolished and removed consists of existing parking slab , and timber framed walls with weatherboard cladding and a timber framed metal roof.

Demolition and excavation methodology is more particularly described in the SEE

Proposed disposal of waste from the proposed demolition works is outlined in the following table.

DEMOLITION AND EXCAVATION DISPOSAL TABLE

MATERIALS ON SITE		DESTINATION		
		REUSE & RECYCLED		DISPOSAL
MATERIAL TYPE	ESTIMATED VOLUME	ON SITE	OFF-SITE	
Excavation	< 5m ³			Riverstone Earthmoving - Collex Waste Mgmt. (Riverstone)
Concrete	10 m3		To Re-Cycling Plant for Crushing & Reuse as Aggregate	Veolia Environmental Services (Horsley Park Waste Mgmt.)
Reinforcing	0.1 t		To Re-Cycling Plant for Re-Use in Steel Works,	Veolia Environmental Services (Horsley Park Waste Mgmt.)
Bricks	1 m3		N/A	Veolia Environmental Services (Horsley Park Waste Mgmt.)
Metal Roofing	39 m2			Veolia Environmental Services (Horsley Park Waste Mgmt.)
Timber	5 m3		To Re-Cycling Plant for Recovery & Re-Use,	Veolia Environmental Services (Horsley Park Waste Mgmt.)
Aluminium Joinery	1 m3		To Re-Cycling Plant for Crushing & Reuse	Veolia Environmental Services (Horsley Park Waste Mgmt.)
Glass	4 m2			Veolia Environmental Services (Horsley Park Waste Mgmt.)
Plasterboard	5 m2			TM Linings - GyprockTM
Carpet	1 m2			Approved Landfill
Tiles	5 m2		To Re-Cycling Plant for Crushing & Reuse as Aggregate	Veolia Environmental Services (Horsley Park Waste Mgmt.)
Plumbing & Fittings	1 m2		To Re-Cycling Plant for Metal Recovery & Reuse	Veolia Environmental Services (Horsley Park Waste Mgmt.)
Other: Sanitary Fittings, Metals, Pvc, Plastics	1 m2			- Veolia Environmental Services (Horsley Park Waste Mgmt.)

CONSTRUCTION WASTE MINIMIZATION

To minimise waste generation during the construction phase of the project the following construction methodology and materials are proposed;

- On structural engineer approval regarding the current slab may be cast over with the new slab in order to reduce demolition waste,
- External and internal wall, floor & ceiling dimensions to standard material sizes to limit on site cutting and waste.

CONSTRUCTION : WASTE GENERATION & DISPOSAL

The size of the proposed addition, together with the construction methodology proposed, waste generated during the construction stage of the project will be minimal.

Construction waste will be stored in skip bins on site. Due to the minimal volume of construction waste generation, a detailed Construction Waste Management Methodology and Disposal Plan is not expected to be required.

OPERATIONAL WASTE MANAGEMENT

The proposed development allows for the existing waste storage area to remain in its current location residential waste storage located in existing parking area on ground floor. The location of these facilities does not adversely affect the neighbours, and there is no obstructions between the current location of the waste storage and the collection point on Amourin Street.

The size of the existing waste storage area provides the following waste storage requirements;

	Single Dwelling	Size of Bin
Blue Recycling bin (Papers)	1	1 x 240L
Red Bin (Garbage Waste)	1	1 x 240L
Yellow Bin (Recycling)	1	1 x 240L
Green Bin (Green Waste)	1	1 x240L

The existing storage is compliant with the Northern Beaches Council Waste Management Guidelines with respect to general residual waste and food & garden organics, and with the volumetric requirements for recyclables.