



Waste Minimisation Plan – Subdivision Stage Only

53C Warriewood Rd, WARRIEWOOD NSW

Residential Development

Prepared for:

ARH Warriewood Pty Ltd

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Jones Nicholson Pty Ltd
PO Box 477
SUTHERLAND NSW 1499
Telephone (02) 9521 3088

Our Ref: 20140438 Rev1

SYDNEY ABN 51 003 316 032

PO Box 477, SUTHERLAND NSW 1499

Suite 45, 40–44 Belmont Street, Sutherland NSW 2232

Tel: 02 9521 3088

Fax: 02 9521 3066

Email: mail@jonesnicholson.com.au

www.jonesnicholson.com.au

WOLLONGONG – Tel: 02 4228 0570

PICTON – Tel: 02 4677 0441

SINGLETON – Tel: 0438 122 111

GOULBURN – Tel: 02 4822 8177

GOLD COAST – Tel: 07 5593 1844

Table of Contents

1. Introduction.....	- 1 -
1.1 Site Location & Existing Conditions.....	- 1 -
1.2 Proposed Development.....	- 1 -
2. Waste Minimisation and Management Plan.....	- 2 -
2.1 Overview.....	- 2 -
2.2 Demolition Stage.....	- 3 -
2.3 Construction Stage.....	- 4 -

1. INTRODUCTION

1.1 Site Location & Existing Conditions

The subject site comprises 53C Warriewood Rd, Warriewood (Lot 4 DP 1115877) and is located on the southern side of Warriewood Rd, refer **Figure 1**. The site is currently predominantly vacant with a single residence & garage located on the upper (northern) part of the site. Narrabeen Ck, a tributary of the Narrabeen Lagoon system, drains in a south-easterly direction along the southern boundary of the lot.



Figure 1: Site Location

1.2 Proposed Development

The development as currently proposed consists of a residential subdivision, featuring 11 lots (10 new lots and 1 lot for the existing dwelling fronting Warriewood Rd). For the purposes of this report, we have provided estimates of waste generation for the **subdivision phase only**.

2. WASTE MINIMISATION AND MANAGEMENT PLAN

2.1 Overview

A Waste Minimisation and Management Plan provides information relating to the waste generated during:

- Demolition;
- Construction;
- Ongoing use of the site.

For each type of waste, the Waste Minimisation and Management Plan provides information on:

- Type of waste generated;
- Storage and collection;
- Resource recovery;
- Specific waste systems which may be used.

2.2 Demolition Stage

The volume of materials expected to be generated from the proposed demolition and the method of disposal or re-use are outlined in **Table 1**. For the subdivision stage it is anticipated that the demolition works will include:

- Removal of existing brick garage / concrete / bitumen areas on future Lot #2
- Removal of in-ground pool on future Lot#2

Table 1: Demolition Stage

Material	Quantity	Management		Comments
		Recycle	Disposal	
Excavation	10m ³	X		Re-use suitable excavated material on site
Concrete	100m ³		X	Removed from site and disposed of at one of Pittwater Council's disposal centres for recycling
Bricks	20m ³		X	Removed from site and disposed of at one of Pittwater Council's disposal centres for recycling
Stone	<1m ³		X	Removed from site and disposed of at one of Pittwater Council's disposal centres for recycling
Bitumen	90m ³		X	Removed from site and disposed of at one of Pittwater Council's disposal centres for recycling
Organics	3m ³	X		Recycled/mulch on site
Timber	10t		X	Removed from site and disposed of at one of Pittwater Council's disposal centres for recycling
Metal/Steel	<2t		X	Removed from site and disposed of at one of Pittwater Council's disposal centres for recycling

The demolition contractor who will perform the work will be able to supply confirmation of the actual demolition waste quantities at completion of works.

2.3 Construction Stage

The volume of materials expected to be generated from the proposed construction works and the method of disposal or re-use are outlined in **Table 2**. For the subdivision stage it is anticipated that the construction works will include:

- Construction of internal roads and associated filling (~4500m³ of fill required)
- Construction of infrastructure e.g. stormwater

Table 2: Estimated construction waste volume

Material	Quantity	Management		Comments
		Recycle On-Site	Disposal Off-Site	
Excavated Material	200m ³		X	Removed from site and disposed of at one of Pittwater Council's disposal centres for recycling
Earth Fill	90m ³	X		Re-use suitable excavated material on site for filling works
Concrete	12m ³		X	Removed from site and return to supplier
Bricks	4m ³		X	Removed from site and disposed of at one of Pittwater Council's disposal centres for recycling
Organics	20m ³	X		Recycled/mulch on site
Timber	3 t		X	Removed from site and disposed of at one of Pittwater Council's disposal centres for recycling
Metal/Steel	0.5 t		X	Removed from site and disposed of at one of Pittwater Council's disposal centres for recycling

The contractor who will perform the construction work will be able to supply confirmation of the actual construction waste quantities at completion of works.