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SWP Ref: SWP 1902944
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WASTE MANAGEMENT PLAN

41 Attunga Road, Newport NSW 2106

Lot 105 DP 752046

Revision History

Revision	Date	Reason for Issue
A	16/01/2020	Issued for DA Application

[Builders Licence 237451C/Restricted Demolition Licence 207180]
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1. Introduction

This Waste Management Plan (WMP) has been prepared for the partial demolition and reconstruction of the existing storm damaged retaining wall at **41 Attunga Road, Newport NSW 2106.**

This WMP will form part of Northern Beaches Council requirements to support the application for the Development Application and approval processes.

Any demolition works will be in accordance with AS 2601: Demolition of Structures and this WMP.

All demolition works are to be undertaken in a controlled manner to minimise dust production and noise.

2. Objectives

The objectives of the WMP are to outline:

1. Estimated materials, source, approximate quantity and recyclable possibilities for the partial demolition and reconstruction of the existing storm damage retaining wall at 41 Attunga Road, Newport NSW 2106.

2. Details of construction materials and methods to be used to minimize the production of waste in the completion of new building works.

3. Treatment of waste on the site during demolition.

4. Treatment of waste on the site during construction.

5. How any residual non reusable and non-recyclable waste is to be disposed of and include details of the approved waste disposal outlets where disposal will take place.

Objective 1:

Estimated materials, source, approximate quantity and recyclable possibilities for the partial demolition and reconstruction of the existing fire damaged commercial property at 41 Attunga Road, Newport NSW 2106.

MATERIAL	SOURCE	APPROXIMATE VOLUME(m3)	APPROXIMATE WEIGHT (t)	RECYCLABLE (Y/N)
Rubbish	General Waste	0.25	0.5	N
Brickwork	Retaining Wall Structure	1.3	2.7	Y
Concrete	Slab on Ground	1	2.4	Y
Soil	Retaining Wall	2	2.9	N/A To be reused behind new retaining wall
Glass	Pool Area	0.025	0.1	Y

Objective 2:

Details of construction materials and methods to be used to minimize the production of waste in the completion of new building works

General construction materials and methods to be used to complete the new works will be:

- Brickwork – Retaining Wall Structure
- Concrete – Slab on Ground
- Soil – Behind Retaining Wall
- Glass – Balustrade

Production of waste can be minimized by:

- Accurate estimating of required materials.
- Reusing or recycling off cuts of materials.
- Planning construction works to enable simultaneous requirements for materials to eliminate waste and maximize use.
- Minimizing, reusing and recycling packaging, pallets and dunnage.

Objective 3:

Treatment of waste on the site during demolition

The demolition works will generally be undertaken as follows:

Material	**Removal Technique / Equipment**
Brickwork	Retaining Wall Brickwork will be removed using handheld power tools and manual labour.
Concrete	Concrete will be removed using a small excavator, handheld power tools and manual labour.
Soil	Soil will be shifted/removed using a small excavator and manual labour.
Glass	Glass will be removed using handheld power tools and manual labour.

Demolition waste will be sorted out into piles of materials suitable for recycling and disposal.

Materials such as bricks, concrete and glass will be stockpiled separately for recycling on the site for load out into bins and trucks.

Excavated soil will be stockpiled on site and is to be reused behind the retaining wall once the retaining wall has been reconstructed.

Other demolition materials such as general rubbish will be stockpiled separately and loaded out into bins and trucks.

Drainage of surface run-off will be allowed to flow along existing contours (down slope) with the existing drainage system on-site of kerbs, gutters, gully pits and pipes discharging stormwater runoff off-site.

Stormwater grate inlets surrounding the demolition areas will be covered with geotextile fabric to allow water to enter into drains whilst retaining sediments.

Should surface run-off flow into areas of demolition will be diverted (using hay bales) to reduce sediment transportation. All Drainage control devices will be regularly checked particularly during heavy rainfall periods.

Objective 4:

Treatment of waste on the site during construction

During partial reconstruction of the existing storm damaged retaining wall at 41 Attunga Road, Newport NSW 2106, generation of residual waste will be treated as follows:

Construction residual waste will be sorted out into piles of materials suitable for recycling and disposal.

Residual construction waste will be bunted off and separated using geotextile fabric and pickets to ensure that no surface runoff or cross contamination can occur.

Materials such as bricks, concrete and glass will be stockpiled separately for recycling on the site for load out into bins and trucks.

Other residual construction waste such as general rubbish, building off cuts and packaging will be stockpiled separately and loaded into bins and trucks.

Objective 5:

How any residual non-reusable and non-recyclable waste is to be disposed of and include details of the approved waste disposal outlets where disposal will take place.

Construction waste will be bunted off and separated to ensure that no surface runoff or cross contamination can occur.

Materials such as bricks, concrete, and glass will be stockpiled separately for recycling on the site for load out into bins and trucks.

Other residual construction waste such as general rubbish, building off cuts and packaging will be stockpiled separately and loaded into bins and trucks.

All waste is to be taken to SUEZ Belrose Resource Recovery Centre at Crozier Road, Belrose NSW 2085.

3. Closure

We trust this meets the obligations with respect to providing a Waste Management Plan for the proposed development.

Should you require further information or clarification, please do not hesitate to contact the undersigned.

Yours Faithfully,

Silver Wolf Projects Pty Ltd

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