

21 PARRAMATTA RD

HOME BUSH

**STRATHFIELD COUNCIL
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**DA2020/08/01
16 January 2020**

**WASTE MANAGEMENT PLAN
CONSTRUCTION**

HYSIDE PROJECTS SUBTWO PTY LTD

Revision	Status	Date
001	Preliminary – For DA (Draft)	02/12/2019
002	For DA Issue	09/12/2019
003	For DA Issue	17/12/2019

1. INTRODUCTION

1.1 Applicants details

The applicant's details are as follows:

- Hyside Projects SubTwo Pty Ltd
- Level 23 tower 3,300 Barangaroo Ave, Sydney NSW 2000
- Ph: (02) 9299 9900

1.2 Existing Use / Structures

The following is a brief description of the existing site:

- The land currently consists of two 8 storey apartment buildings, comprising of 4 retail spaces and 158 residential apartments.
- 4 levels of Basement carpark is already constructed and covers the entire footprint of the site.
- For the purposes of this DA the new building will commence from ground floor. Ground floor slab is already existing.

1.3 Project Description

The development comprises of:

- Construction of a 24 level building- comprising of 2 retail spaces, 77 Serviced Apartments and 125 residential apartments.
- Ground floor slab is already existing
- Basement is already existing – No Excavation
- No demolition required.

2. SCOPE

The works outlined in this waste management plan are to provide the roadmap to achieving Strathfield Councils waste management goals in relation to this project.

It should be noted that this plan is being issued as a preliminary revision for DA purposes. It will be updated numerous times throughout the project as the site requirements change. The next anticipated update will be for CC.

A brief description of the Construction works are outlined below.

2.1 Demolition

- There is no demolition involved with this DA.

2.2 Construction

The development proposes the excavation and construction of 202 apartments and two retail spaces which are broken down in the following stages:

- Construction of Structure
- Fit out of 202 residential & serviced apartments across 24 levels.
- Soft and hard landscaping to public open space on the Ground Floor, communal area on Level 8 and Roof

Refer to table 1 for Construction Waste management details

3. IMPLEMENTATION

It is important that awareness of the WMP is established within the project team so that proper consideration of its goals may occur. Therefore, it will be necessary that this plan is distributed to:

- Designers
- Construction team

3.1 Designers

This WMP is to be read and understood so that where possible, recyclable materials are specified for the project. Further, once becoming aware of the intentions of the WMP, the designers may also suggest alternative options for construction materials / products which may not traditionally be used by builders. This may be in the form of suitable “green” or recycled material industries that may be available in the market.

3.2 Construction Team

The construction team including the Site manager, supervisors, Sub-contractors, tradesmen and labourers need to be familiar with the details of table 1 & 2.

It is proposed that this be done in the following ways:

- Builder to engage a suitable waste contractor ensuring all required procedures and bins are onsite as per the plan.
- Inclusion of the recycling requirements in the Site Construction Plan
- Educating all site personnel, by incorporating the recycling requirements in the mandatory site induction
- Inclusion of the WMP details in all Sub Contractors Scopes of Works
- Periodic toolbox talks whenever the WMP plan is updated.

3.3 Record and monitoring

The waste contractor is to submit to Hyside Projects Subtwo Pty Ltd, site reports detailing the type and quantity of waste removed in skips from site on a monthly basis. This information will be directed to site so that it can be monitored to ensure minimum landfill and employ alternative strategies to minimise wastage where possible.

These reports will be forwarded to council upon request.

4. WASTE MANAGEMENT DETAILS

4.1 Construction

MATERIALS ON SITE			DESTINATION		
	Estimated		Reuse and Recycling		Disposal
Type of materials	Vol (m ³)		ONSITE Proposed methods	OFF SITE Proposed Methods	Contractor / Landfill Site
CONCRETE					
Excess	30			Waste Removal Contractor crushing plant –	Nil
Slurry	10			Bingo recycling centres	
TIMBER					
Formwork	10		Small pieces used as required on the job.	Wood Chip clean material– ANL / Benedict	Nil
Architraves / skirting	2			Wood Chip clean material– ANL / Benedict	Nil
Doors	1			Return to supplier / Hyside's yard	Nil
Cupboards / vanities / shelves	2			Return to supplier if can be reused	General waste – SUEZ landfill
General	8			Wood Chip clean material– ANL / Benedict	General waste – SUEZ landfill
BRICKS	12			Reprocessed into recycled products (such as fill sand, aggregates, roadbase) by crushing & screening - Boral	Nil
STEEL					
Reinforcement	4		Stockpile decent lengths on site – reuse in hobs	Reprocessed into new metal and steel products by Shearing, baling and re-smelting – Sell & Parker/CMI	Nil
Plumbing	3		Off cuts kept to be reused at junctions		Nil
Door frames	1		Keep on site for design changes		Nil
Ducting	2				Nil
General	3				Nil
PLASTERBOARD					
Ceilings / walls	3		Large off cuts reused in smaller spaces	Reprocess into Gypsum product by shredding / screening – Regyp	Nil
TILES	1.5		Keep excess tiles for body corporate for repairs in years to come.	Return undamaged tiles to supplier Damaged tiles to Crushing plant – Bingo recycling centres	Nil
GENERAL WASTE	80			Sort Waste Contractor – Bingo recycling	SUEZ Landfill

				centres	
GRANITE / STONE / PAVERS	10		Keep excess material for body corporate for repairs in years to come.	Offcuts - Waste Removal Contractor crushing plant – Bingo recycling centres	Nil
GLASS	1			Return to window / balustrade supplier or Recycle	Nil
GREEN WASTE - LANDSCAPE	10			To be removed by nominated demolition contractor for recycling at councils nominated transfer stations	Nil
CARDBOARD / PAPER / PLASTIC	15			Reprocessed into new cardboard / paper / plastic by breaking down the material into a form for reuse – Cardboard King	Nil

4.2 Recycling companies

Bingo Recycling Centres

3-5 Duck Street, Auburn NSW 2144, 38 McPherson Street, Banksmeadow NSW 2019, 35 Wentworth St, Greenacre NSW 2190, 50 Wyllie Road, Kembla Grange NSW 2526
 13 Pembury Road, Minto NSW 2566, 20 Hearne Street, Mortdale NSW 2223, 37-51 Violet Street, Revesby NSW 2212, 165 Woodpark Road, Smithfield NSW 2164, 25 Dunheved Circuit, St Marys NSW 2760, 29 Laverick Avenue, Tomago NSW 2322

ANL

210 Martin Road, Badgerys Creek NSW 2555; Wicks Rd (Cnr. Waterloo Rd), North Ryde NSW, 2113, AU

Benedict

33-39 Riverside Road, Chipping Norton NSW 2170

Sell & Parker

45 Tattersall Road, Blacktown NSW 2148

CMI

38 York Road, Ingleburn NSW 2565

Boral

6-10 Burrows Road South, St Peters NSW 2044

Cardboard King

8 Kommer Place, St Marys NSW 2760

ReGyp

330 Captain Cook Drive, Kurnell NSW 2231

SUEZ Landfill

Elizabeth Drive, Kemps Creek NSW 2178 ; Old Hill Link, Sydney Olympic Park NSW 2127

Horsley Park Landfill

Wallgrove Road, Horsley Park NSW 2164

Sydney Recycling Park

Clifton Avenue, Kemps Creek NSW 2178

5. WASTE REMOVAL PROCEDURE

5.1 Structure

Throughout the erection of the structure, bins (2m³) will be used for the collection of waste. 1 bin will be used for formwork and 2 bins for general waste such as tie wire, electrical, plumbing, and dirt waste. This bin when full will be emptied into larger bins (4m³ & 9m³) by the tower crane or Manitou. Once the larger bins are full they will be lifted via the tower crane to waste removal truck located within the site.

The general waste bins will be sorted in Bingos facilities where they will be recycled / disposed of as per table 1 above where possible.

During construction of the structure 4m³ / 9m³ bins will be located on the lower areas of the site wherever possible. The locations of the bins may change as the job progresses. Please refer to the site plan for location.

5.2 Finishes

During the finishes phases small (1m³) bins on wheels will be used to wheel around the levels and pick up waste. These bins when full will be wheeled out on to the crane loading platform / or to hoist areas and transported to the location of the larger bins. Once the builder's lifts are operational then the crane loading platforms and hoist will be removed and the lift used to transport waste from all levels to ground floor or to the street level on the upper level where they will be emptied into the larger bins.

The bins will be located off street at all times and in locations where they can be accessed at all times by the waste disposal contractor's trucks. Therefore, there will be no disruption to local traffic movements.

In all cases material will be separated on site into the relevant recycle bins, specifically, plasterboard, timber, concrete / bricks, cardboard/paper/plastics and general waste. The general waste bins will be sorted in Bingos facilities where they will be recycled / disposed of as per table 1 above where possible.

5.3 Plan

Refer to attached site layout plan showing indicative locations of bin locations and site access.

Waste Management Plan – Site Layout Rev 02

