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## **Waste Management**

### **Demolition and Construction**

As a condition of consent, the applicable sections of this table must be completed and submitted to the Principal Certifying Authority.

Completing this table will assist you in identifying the type of waste that will be generated and in advising the Principal Certifying Authority how you intend to reuse, recycle or dispose of waste.

The information provided on the form (and on your plans) will be assessed against the objectives of Council's DCP.

If the space is insufficient in the table below please provide attachments.
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### **Outline of Proposal**

**Site Address:** 2-6 Bold Street & 80-82 Cowper Street Granville  
DP 7553 Lot 17/18/19/20/21 DP 651169

**Applicant's Details:**

Sarkis Namnour

**Mobile:** 0401 767 900

**Buildings and other structures currently on the site:**

Multi-Level Concrete factory with a metal roof.

Block factory metal roof.

**Brief Description of Proposal:**

Demolition of existing structures and erection of a 17 Stories mixed used complex consisting of 92 resident units, 2 Commercial tenancies over basement parking.

**The details provided on this form are the intentions for managing waste relating to this project.**

**Applicant's Signature:**

**Date:** 29/11/2016

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## **On-going Management**

Describe how you intend to ensure on-going management of waste on-site (For example, lease conditions, caretaker / manager on-site.)

- Waste cupboard provided in each suite, located under kitchenette bench.
  - General waste and recycling bins to be stored in allocated garbage bay (Refer to Architectural Drawings).
  - Bins wheeled out by Caretaker for private collection.
  - Waste collection by Private services.
  - Bins wheeled back immediately after collection into garbage bay by Caretaker.
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## **SECTION ONE - DEMOLITION**

This is the stage with the greatest potential for waste minimization, particularly in Sydney where there are high levels of development, relatively high tipping charges and where alternative quarry materials are located on the outskirts.

Perhaps the first thing that applicants should consider is whether it is possible to re-use existing buildings, or parts thereof, for the proposed use.

With careful on- site sorting and storage and by staging work programs it is possible to re- use many materials, whether onsite or offsite.

In other words, to move from the attitude of “trashing the building” to “total recycling on site”. This could require a number of colour-coded or clearly labeled bins on- site (rather than one size fits all).

The following details should be shown on your plans.

- Location of on- site storage space for materials (for re- use) and containers for recycling and disposal. (Note the displacement of waste containers is not permitted on footpaths, nature strips or roadways.)

- Containers are to locate so as not to disrupt site works, or have a detrimental effect on sediment, erosion controls and tree protection areas.
- Containers to be maintained in a satisfactory condition while present in the site.

- Vehicle access to the site and to storage and container areas.

- Timing of the removal of containers is only to be carried out during permitted construction hours.
- Containers and all waste are to be removed prior to final inspection and occupation.

- A separate container is to be provided for the disposal of put recyclable wastes such as lunch room and food scraps.
- The provision of tip fee or recycling processor’s receipts will be required by the Council upon completion of work.

The following table should be completed by applicants proposing any demolition work.

Materials On-Site		DESTINATION		
		REUSE AND RECYCLING		
Type of Material	Estimated Volume (m³) area (m²)	ON-SITE Specify proposed reuse or on-site recycling methods	OFF-SITE Specify contractor and recycling outlet	DISPOSAL Specify contractor and landfill site
Excavation Material	9200m³			
Green Waste	N/A			
Bricks	2000m³	Crushed and used as granular fill in drainage excavations	Send to crushing and recycling centre. KLF Recyclers – 16 Grand Ave, Camelia (02)9898 9178	
Concrete	3300m³	Crushed and used as granular fill in drainage excavations	Send to crushing and recycling centre. KLF Recyclers – 16 Grand Ave, Camelia (02)9898 9178	
Asbestos Cement Roof & Wall Cladding	2m³			Asbestos Fibro Disposal Enviroguard – Erskine Park, 9834 3411

Materials On-Site		DESTINATION		
		REUSE AND RECYCLING		
Type of Material	Estimated Volume (m <sup>3</sup> ) area (m <sup>2</sup> )	ON-SITE Specify proposed reuse or on-site recycling methods	OFF-SITE Specify contractor and recycling outlet	DISPOSAL Specify contractor and landfill site
Timber- Please Specify (roof and wall framing)	50m <sup>3</sup>	Re-use for framework. Chip suitable for use in landscaping	To stockpile at waste transfer station by water contractor. KLF Recyclers - 16 Grand Ave, Camellia (02) 9898 9178	
Plasterboard	50m <sup>2</sup>		To landscape supply centre South Windsor Resource Recovery Centre, 723 - 727 George St, Windsor	
Metals- Sheet Roofing	590m <sup>2</sup>		To metal recycling centre. KLF Recyclers - 16 Grand Ave, Camellia (02) 9898 9178	
Tiles/ Roof	60m <sup>2</sup>	Crushed and used as granular fill in drainage excavations	Send to crushing and recycling centre. KLF Recyclers – 16 Grand Ave, Camelia (02)9898 9178	
Other**- Fixtures & Fittings	N/A			
Plastic	N/A			

## **SECTION TWO - CONSTRUCTION STAGE**

### **Section 2 - Potential for Waste Minimisation during Construction Stage.**

You should consider the following measures that may also save resources and minimise waste at the construction stage.

- Purchasing policy.

Considering measures such as: ordering the right quantities of materials prefabrication of materials where possible.

- Re-using formwork

- Minimising site disturbance, limiting unnecessary excavation.

- Careful source separation of off-cuts to facilitate re-use, resale or efficient recycling

- Coordination/ sequencing of various trades

Materials On-Site		DESTINATION		
		REUSE AND RECYCLING		
Type of Material	Estimated Volume (m <sup>3</sup> ) Area (m <sup>2</sup> )	ON-SITE Specify proposed re-use or on- site recycling methods	OFF-SITE Specify contractor and recycling outlet	DISPOSAL Specify contractor and landfill site
Excavation Material	N/A	Covered in Section 1 as part of demolition		
Green Waste	N/A			
Bricks	3m <sup>2</sup>		Send to crushing and recycling centre. KLF Recyclers - 16 Grand Ave, Camellia (02) 9898 9178	
Concrete	2m <sup>2</sup>		Send to crushing and recycling centre. KLF Recyclers - 16 Grand Ave, Camellia (02) 9898 9178	

Materials On-Site		DESTINATION		
		REUSE AND RECYCLING		
Type of Material	Estimated Volume (m <sup>3</sup> ) area (m <sup>2</sup> )	ON-SITE Specify proposed reuse or on- site recycling methods	OFF-SITE Specify contractor and recycling outlet	DISPOSAL Specify contractor and recycling outlet
Timber- Please Specify	2m <sup>2</sup>	Reuse for framework. Chip suitable for use in landscaping	To stockpile at waste transfer station by waste contractor KLF Recyclers - 16 Grand Ave, Camelia, 98989178	
Plasterboard	1m <sup>2</sup>		To landscape supply centre. South Windsor Resource Recovery Centre 723-727 George St, Windsor.	
Metals- Please specify	1m <sup>2</sup>		To metal recycling centre KLF Recyclers - 16 Grand Ave, Camelia, 98989178	
Tiles	3m <sup>2</sup>	Crush and use as granular fill in drainage excavations	KLF Recyclers - 16 Grand Ave, Camelia, 98989178	
Other- Please Specify	5m <sup>2</sup>			Eastern Creek Landfill, Walgrove Rd, Eastern Creek



TYPE OF WASTE TO BE GENERATED	EXPECTED VOLUME PER WEEK	PROPOSED ON-SITE STORAGE AND TREATMENT FACILITIES	DESTINATION
Please specify. For example: paper, food, waste, etc	Liters or m <sup>3</sup> See Appendix 3 for estimates	For example: <ul style="list-style-type: none"> <li>•Waste storage and recycling area</li> <li>•Garbage Chute</li> <li>•On-site composting</li> <li>•Compaction equipment</li> </ul>	<ul style="list-style-type: none"> <li>• Recycling</li> <li>• Disposal</li> <li>• Specify Contractor</li> </ul>
General Recyclables (Bottles, Cans, Paper)	80L/Occupant/Week = 7760L/Week	Stored in 8x1100L recycling bins	Private recycling service (Fortnightly).
General Waste (Food scraps, Rubbish etc)	80L/Occupant/Week = 7760L/Week	Stored in 8x1100L general waste bins <i>Total 16 1100L Bins (Total Storage 17600L)</i>  <i>*Refer to Architectural Drawings</i>	Private waste collection service (Weekly)  <i>*Garbage Bay to have hose cock and appropriate drainage</i>

Details of on-site waste management facilities should be provided on the plan drawings accompanying your application.