

# WASTE MANAGEMENT PLAN

## DEMOLITION, CONSTRUCTION AND USE OF PREMISES

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If you need more space to give details, you are welcome to attach extra pages to this form.

PLEASE COMPLETE ALL PARTS OF THIS FORM THAT ARE RELEVANT TO YOUR DEVELOPMENT APPLICATION (DA).

IF YOU NEED MORE SPACE TO GIVE DETAILS, YOU ARE WELCOME TO ATTACH EXTRA PAGES TO THIS FORM.

Council will assess the information you provide on this form along with your attached plans. We will take into account the types and volumes of waste that could be produced as a result of your proposed development, and how you are planning to:

- minimise the amount of waste produced
- maximise re-use and recycling
- store, transport and dispose of waste safely and thoughtfully.

### APPLICANT DETAILS

First name

Bhabishan

Surname

Tancev

Postal Address

Street No.

2/2

Street name

Belmore street

Suburb

BURWOOD

Post code

2134

Contact phone number

0407 480 520

Email address

bishkonstruction@gmail.com

### DETAILS OF YOUR PROPOSED DEVELOPMENT

Street No.

15-17

Street name

DEWE STREET

Suburb

JAMISONTOWN

Post code

2750

What buildings and other structures are currently on the site?

1x COTTAGE  
1x DUPLEX

Briefly describe your proposed development

6 x storey Apartment Building with 2 basement levels.

Applicant Signature

BL

Date

24-11-16

## SECTION 1: DEMOLITION

\*Please include details on the plans you submit with this form, for example location of on-site storage areas/containers, vehicle access point/s.

Materials		Destination		
		Re-use and recycling		Disposal
Material	Estimated volume (m <sup>2</sup> or m <sup>3</sup> )	ON-SITE* Specify proposed re-use or on-site recycling	OFF-SITE Specify contractor and recycling facility	Specify contractor and landfill site
Excavation (eg soil, rock)	0			
Green waste	10M <sup>3</sup>		BINGO (see WMRP)	
Bricks	90M <sup>3</sup>	TEMP CONSTRUCTION DRIVEWAY 1/2	BINGO 1/2	
Concrete	50M <sup>3</sup>		BINGO	
Timber (Please specify type/s)	60M <sup>3</sup> PINE/Hardwood		BINGO	
Plasterboard	60M <sup>3</sup>		BINGO	
Metals (Please specify type/s)	10M <sup>3</sup> Aluminium		BINGO	
Other TILES	90M <sup>3</sup>		BINGO	

## SECTION 2: CONSTRUCTION

\*Please include details on the plans you submit with this form, for example location of on-site storage areas/containers, vehicle access point/s.

Materials		Destination		
		Re-use and recycling		Disposal
Material	Estimated volume (m <sup>2</sup> or m <sup>3</sup> )	ON-SITE* Specify proposed re-use or on-site recycling	OFF-SITE Specify contractor and recycling facility	Specify contractor and landfill site
Excavation (eg soil, rock)			TIBA	
Green waste	N/A			
Bricks	20M <sup>3</sup>		BINLU	
Concrete	9M <sup>3</sup>		BINLU	
Timber (Please specify type/s)	5M <sup>3</sup> Skirting Formwork		BINLU	<del>BINLU</del>
Plasterboard	20M <sup>3</sup>		BINLU	
Metals (Please specify type/s)	9M <sup>3</sup> Reo Aluminium		BINLU	
Other	200M <sup>3</sup>		BINLU	<del>BINLU</del>

## CONFIDENTIAL

### Waste Management & Recycling Plan

Bingo Industries offers a complete, comprehensive solution to the management and recycling of wastes to assure compliance with clients' waste management policy.

Bingo Recycling Centre's combine bin storage, waste collection, waste recycling and waste transfer to service the building and construction industry and domestic waste management needs in the Sydney metropolitan area. Wastes collected by Bingo Skip Bins are taken directly to one of these facilities where approximately 90% of wastes are converted to recovered resources.

<b>Bingo Recycling Centre Auburn</b>	EPL No. 10935
<b>Bingo Recycling Centre Banksmeadow</b>	EPL No. 12857
<b>Bingo Recycling Centre Minto</b>	EPL No. 20638
<b>Bingo Recycling Centre Mortdale</b>	EPL No. 20622
<b>Bingo Recycling Centre Smithfield</b>	EPL No. 20653
<b>Bingo Recycling Centre St Marys</b>	EPL No. 20621

As can be expected waste materials inwards vary considerably and are delivered to the Recycling Centres in tipping and non-tipping vehicles or in skip bins. Of the wastes inwards approximately 90% is recovered and recycled as materials outwards and the balance 10% to landfill. Waste materials inwards are processed to achieve the maximum recovery of resources and the minimum of un-recoverable material for offsite disposal.

#### **Typical Composition of Bingo's Wastes Inwards**

<b>Wastes Inwards</b>	<b>Percentage (approx.)</b>
Heavy Recyclable Materials	45%
Light Recyclable Materials	35%
Metals	10%
Non-Recyclable Materials	10%
Total	100%

#### **Heavy Recyclable Materials:**

- Soil
- Dirt
- Sand
- Rubble
- Brick
- Concrete
- Tiles
- Stone
- Asphalt

#### **Light Recyclable Materials:**

- Timber
- Green Waste
- Cardboard/ Paper
- Plastic/ Polystyrene
- Plasterboard/ Gyprock

**Metals:**

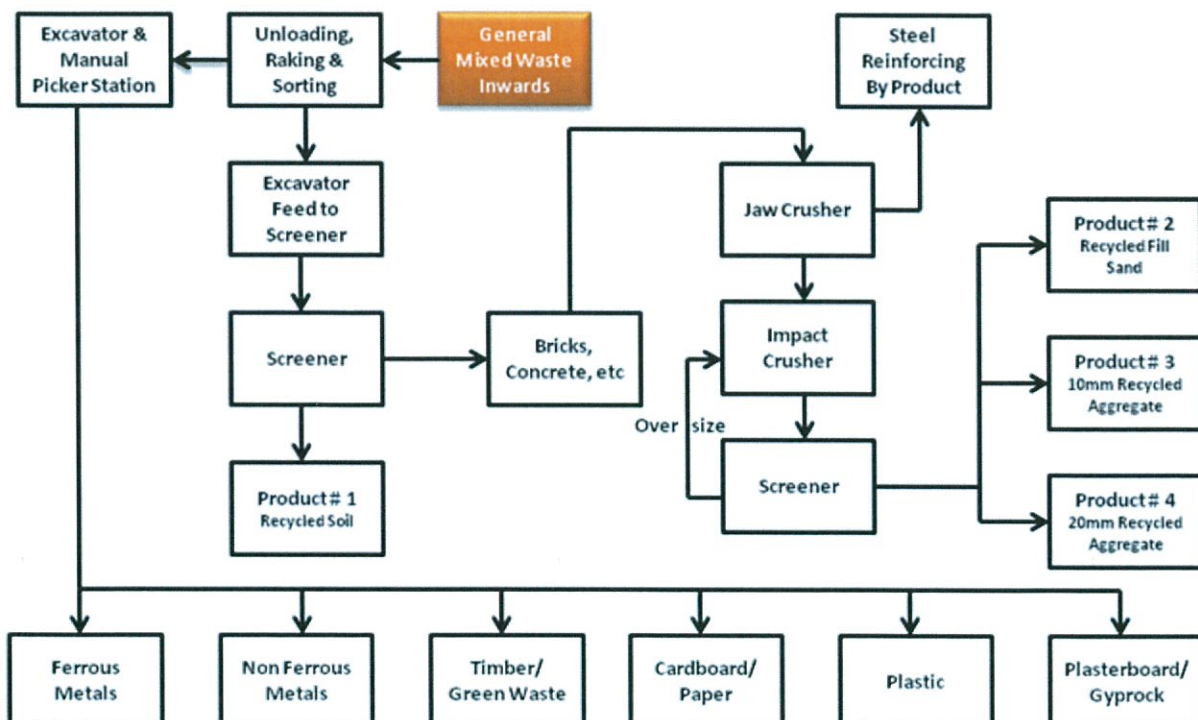
- Ferrous (steel, black iron)
- Non-Ferrous (copper, wire, aluminium, stainless)

At the Resource Recovery Facility a simple and effective waste processing procedure is applied. See Materials Flow Diagram (below). Wastes inwards unloaded onto the sorting area where the waste is raked with a hydraulic excavator to expose the contents and where recyclable materials are hand and machine sorted. The raking process separates the waste into four streams for further processing.

- Stream #1 Non-recyclable materials. These wastes pass to a holding area for off-site disposal.
- Stream #2 Metals and light recyclable materials are removed and stored for off-site recycling.
- Stream #3 Large sized heavy weight brick, concrete and rubble pieces. These wastes pass to the crushers where they are crushed and re-enforcing fabric removed. The output from the crushers passes to the screener where products of different size are separated and stored in stockpiles. Re-enforcing fabric is collected and stored in the general steel bin for off-site recycling.
- Stream #4 Small sized heavy weight soil, sand, brick, concrete and rubble. These wastes pass to the screener where the soil is separated from the brick, concrete and rubble. The brick, concrete and rubble then pass through Stream #3.

Stream #1 wastes are currently not recyclable and are removed from the land for off-site disposal. Stream #2 wastes, recovered metals and light recyclable materials are recycled off-site. Stream #3 and Stream #4 wastes are processed on site by crushing and screening to form saleable products such as soil, sand, and aggregates. These products are retained on site until sold.

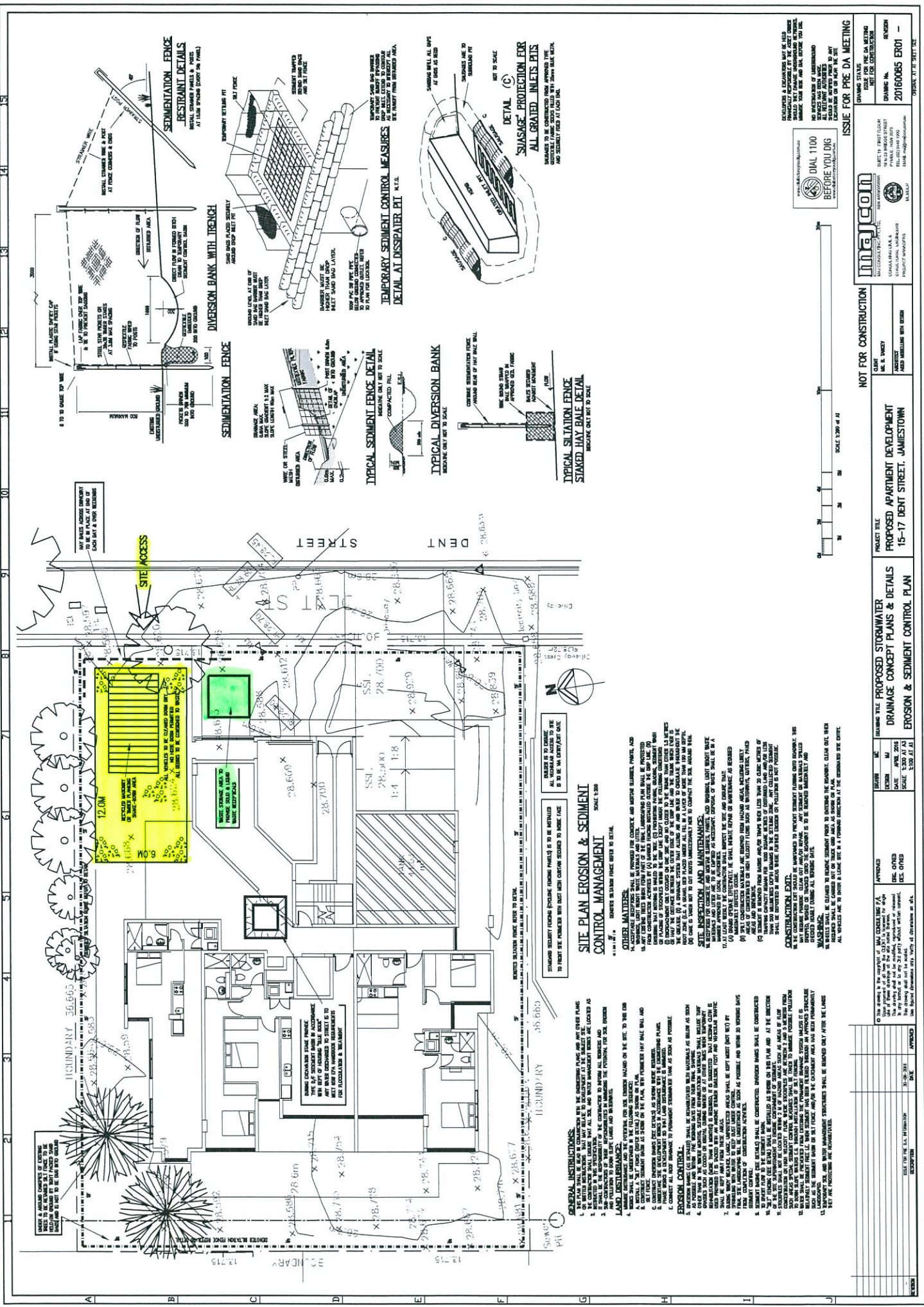
**Bingo Recycling Centre**  
 Waste Transfer & Materials Recovery Facility  
 Flow Diagram



In summary, Bingo Skip Bins take all their mixed waste skip bins directly to EPA Licensed Recycling Centres. From there the waste is sorted and separated into the following material classes for processing and recycling.

Type of Material	Where Processed/ Recycled	How Processed/ Recycled
Heavy Recyclable Materials (soil, dirt, sand, rubble, concrete, brick, tiles, asphalt, stone)	Bingo & Benedict Recycling Centres	Re-processed into recycled products (such as recycled soil, fill sand, aggregates, roadbase) by crushing and screening.
Timber/ Green Waste	Bingo & Benedict Recycling Centres	Re-processed into woodchip and mulch by shredding.
Metal/ Steel	Sell & Parker/ CMI	Sent to appropriate recycling plants.
Brick/ Concrete	Boral	Sent to appropriate recycling plants.
Cardboard/ Paper/ Plastic	Cardboard King	Sent to appropriate recycling plants.
Plasterboard/ Gyprock	ReGyp	Sent to appropriate recycling plants.
General Waste	SITA Landfill/ Horsley Park Landfill/ Sydney Recycling Park	n/a

- **Bingo Recycling Centres**  
 3-5 Duck Street, Auburn NSW 2144  
 38 McPherson Street, Banksmeadow NSW 2019  
 13 Pembury Road, Minto NSW 2566  
 20 Hearne Street, Mortdale NSW 2223  
 165 Woodpark Road, Smithfield NSW 2164  
 25 Dunheved Circuit, St Marys NSW 2760
- **Benedict Recycling Centres**  
 Crozier Road, Belrose NSW 2085  
 33-35 Riverside Road, Chipping Norton NSW 2170
- **Boral**  
 6-10 Burrows Road South, St Peters NSW 2044
- **Sell & Parker**  
 45 Tattersall Road, Blacktown NSW 2148
- **CMI**  
 38 York Road, Ingleburn NSW 2565
- **Cardboard King**  
 8 Kommer Place, St Marys NSW 2760
- **ReGyp**  
 Captain Cook Drive, Kurnell NSW 2231
- **SITA Landfill**  
 Elizabeth Drive, Kemps Creek NSW 2178
- **Horsley Park Landfill**  
 Wallgrove Road, Horsley Park NSW 2164
- **Sydney Recycling Park**  
 Clifton Ave, Kemps Creek NSW 2178



**SITE PLAN EROSION & SEDIMENT CONTROL MANAGEMENT**

- STORMWATER SEDIMENT FENCES (PERIODIC INSPECTION) SHALL BE MAINTAINED TO PREVENT THE FENCES FROM BEING OBTURATED BY DEBRIS. FENCES ARE TO BE MAINTAINED AS FOLLOWS:
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**GENERAL INSTRUCTIONS:**

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL AUTHORITIES.
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**OTHER MATTERS:**

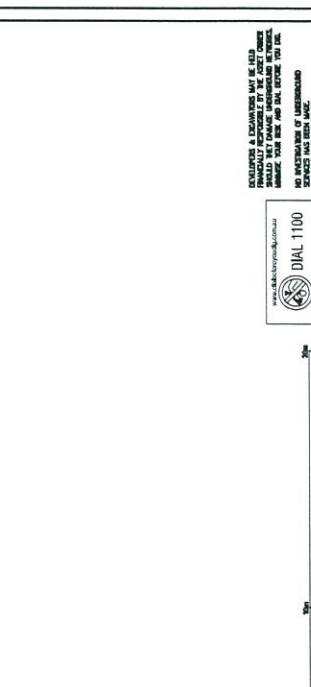
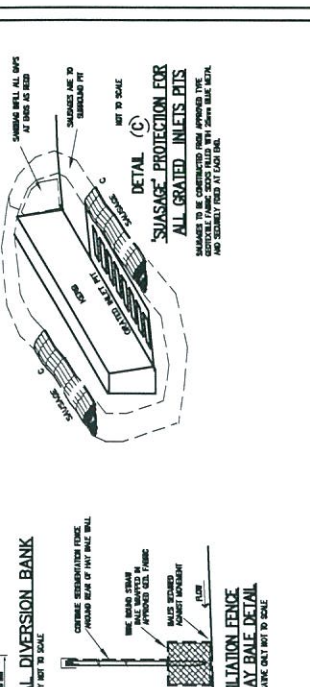
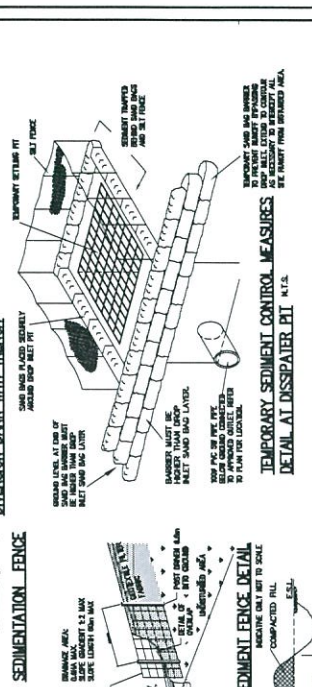
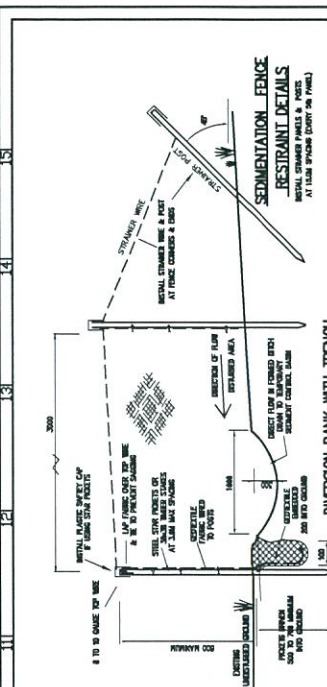
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**CONSTRUCTION EXTENT:**

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**WARRANTY:**

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**ISSUE FOR PRE-DA MEETING**

DATE: 15-17 DENT STREET, JAMIESTOWN

PROJECT: PROPOSED APARTMENT DEVELOPMENT

SCALE: 1:500

DATE: 15-17 DENT STREET, JAMIESTOWN

PROJECT: PROPOSED APARTMENT DEVELOPMENT

SCALE: 1:500

### SECTION 3: WASTE FROM ON-GOING USE OF PREMISES

If relevant, please list the type/s of waste that may be generated by on-going use of the premises after the development is finished.	Expected volume (average per week)
SEE WASTE MANAGEMENT PLAN (ELEPHANTS FOOT)	

### SECTION 4: ON-GOING MANAGEMENT OF PREMISES

If relevant, please give details of how you intend to manage waste on-site after the development is finished, for example through lease conditions for tenants or an on-site caretaker/manager. Describe any proposed on-site storage and treatment facilities. Please attach plans showing the location of waste storage and collection areas, and access routes for tenants and collection vehicles.

SEE WMP BY ELEPHANTS FOOT.