



ELEPHANT'S FOOT

WASTE COMPACTORS PTY. LTD.

A.B.N. 70 001 378 294

MANUFACTURERS & DISTRIBUTORS

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Date: 29/11/06

Meriton Apartments Pty Ltd

**Waste management report
Lot 104, 42 Walker St, Rhodes**

This project consists of two different buildings.

Building 1 has two levels of car park & seven levels of residential units.

Building 2 shares the same carpark levels with building one & five levels of residential units..

Generated waste:

The calculations used in this report are as per Canada Bay Council's waste generations, 120 ltr per unit of waste & 120 ltr of recycling per unit.

Building 1: 46 units

46 units @ 120 ltr per weeks 5520 ltrs. equal 23 x 240 ltr bins

None compacted

Recycling 5520 ltr equal 23 x 240 ltr bins

Building 2: 29 units

29 units @ 120 ltr per weeks 3480 ltrs. equal 15 x 240 ltr bins

None compacted

Recycling 3480 ltr equal 15 x 240 ltr bins

Waste management system:

As shown on the drawings there is one chute per building & the room in building one will hold all the full bins generated by both building for collection.

Un-compacted garbage bins required 38 x 240. As for number of the recycling bin 38. so the main garbage holding room will need to accommodate for 76 bins at peak.

Room size requires is 46 m2 for bin storage, plus 1.1 X 3.5 m for the linear conveyor to be placed.

Building 2 garbage room only has to accommodate the linear conveyor.

Waste handling.

All residents from level one and higher will deposit their garbage in the chute located in a designated room on each level adjacent to the lift shaft. As for the units on lower ground level they will have to walk their waste to the garbage room on the same level. The waste will drop into the first bin on the conveyor once this bin is filled the conveyor will automatically travel forward & place an empty one under the chute. When all the bins are full a red light will indicate on the control box, for the cleaner to exchange the bins.

Uncompacted waste the cleaner will require changing the bins daily on building one & every second day on building two.

As for the recycling, in each garbage room on the levels an area is made available for 240 ltr recycling bins to be placed for the residents to deposit the recycling material. Part of the cleaner's duty will be to exchange these recyclables bins & store them in the main garbage room below ready for collection.

Garbage rooms sizes with bin quantity.

Building "1" with un-compacted waste will require to store 65 X 240ltr bins

Building "2" with un-compacted waste will require to store 14 X 240lt bins.

Main collection room

The total number of bins required for garbage is **39** x 240 ltr, plus 6 extra bins to remain on the conveyors at all time during collection day. Then **39** recycling bins for collection & 12 bins one for each level.

The main collection room must have an area to fit the total number of **78** x 240 ltr bins. Also some open area to manoeuvre around.

Recommended minimum size for storage 50 m2.

P.S. These calculations are base on one pick up per week, numbers could change subject to type of waste generated by residents, the above numbers are only a guide to assist with the waste management of these buildings.

If you require any further information please do not hesitate to call me on 9667 4881.

Regards,



Eddy Saidi