



1 LEVEL 1 - WASTE MANAGEMENT PLAN  
1 : 250

**SOLID WASTE MANAGEMENT REQUIREMENTS:**

*AS PER THE PEEL WASTE COLLECTION DESIGN STANDARDS MANUAL*

**GARBAGE BINS REQUIRED:**  
ONE 3-CUBIC YARD BIN COLLECTING COMPACTED GARBAGE FOR EVERY 54 DWELLING UNITS.

**RECYCLING BINS REQUIRED:**  
ONE 3-CUBIC YARD BIN COLLECTING NON-COMPACTED RECYCLING FOR EVERY 45 DWELLING UNITS. RECYCLABLE MATERIALS MUST NOT BE COMPACTED.

**WASTE STORAGE SPACE REQUIRED:**  
PEEL WASTE MANAGEMENT REQUIRES INTERNAL STORAGE AREAS TO BE LARGE ENOUGH TO CONTAIN THE REQUIRED NUMBER OF FRONT-END GARBAGE BINS INCLUDING A MINIMUM SPACE OF 10.0 m² FOR THE STORAGE OF BULKY ITEMS.

**TURNING RADIUS AND CLEARANCES REQUIRED:**  
THE TURNING RADIUS FROM THE CENTRE LINE AS TO BE A MINIMUM OF 13.0 m ON ALL TURNS FOR THE WASTE COLLECTION VEHICLE WITH THE MAXIMUM GRADE CHANGE PERMITTED ALONG THE ACCESS ROUTE BEING 8%. THE COLLECTION AREA IS TO BE DESIGNED SUCH THAT IT WILL CONSIST OF A LEVEL (+/-2%) CONCRETE SURFACE. THE APPROACH IS TO BE LEVEL (+/- 2%) AND THE SAME WIDTH AS THE COLLECTION POINT.

THE FOLLOWING MINIMUM CLEARANCES ARE TO BE PROVIDED FOR THE WASTE COLLECTION VEHICLE:  
 • IN THE COLLECTION AREA AN OVERHEAD CLEARANCE OF 7.5 m FROM OBSTRUCTIONS SUCH AS BALCONIES, WIRES AND TREES MUST BE PROVIDED  
 • OUTSIDE OF THE COLLECTION AREA AN OVERHEAD CLEARANCE OF 4.4 m FROM OBSTRUCTIONS SUCH AS BALCONIES, WIRES AND TREES MUST BE PROVIDED.

**BIN CALCULATIONS:**

| REQUIRED:   | PROVIDED:  |
|---|--|
| <b>GARBAGE BINS REQUIRED:</b><br>TOTAL # OF UNITS = 211<br>211 / 54 = 3.91 (ROUND UP) = 4 3-CUBIC YARD BINS   | <b>GARBAGE BINS PROVIDED:</b><br>3-CUBIC YARD BINS PROVIDED = 4              |
| <b>RECYCLING BINS REQUIRED:</b><br>TOTAL # OF UNITS = 211<br>211 / 45 = 4.68 (ROUND UP) = 5 3-CUBIC YARD BINS   | <b>RECYCLING BINS PROVIDED:</b><br>3-CUBIC YARD BINS PROVIDED = 5            |
| <b>BULKY STORAGE AREA REQUIRED:</b><br>A MINIMUM OF 10 m² MUST BE PROVIDED FOR THE STORAGE OF BULKY ITEMS.  | <b>BULKY STORAGE AREA PROVIDED:</b><br>BULKY STORAGE AREA PROVIDED = 10.0 m² |
| <b>STORAGE ROOM AREA REQUIRED:</b><br>MUST HAVE SUFFICIENT AREA TO ACCOMMODATE THE REQUIRED NUMBER OF FRONT-END BINS REQUIRED FOR THE DEVELOPMENT PLUS 10m² AREA FOR BULKY ITEMS. | <b>STORAGE ROOM AREA PROVIDED:</b><br>ROOM AREA PROVIDED = 144.5 m²          |

**NOTES:**

- INTERNAL ROADWAYS TO BE CONSTRUCTED OF A HARD SURFACE MATERIAL (ASPHALT OR CONCRETE) AND DESIGNED TO SUPPORT A MINIMUM LOAD OF 35 TONNES, REPRESENTING THE WEIGHT OF A FULLY LOADED WASTE COLLECTION VEHICLE.
- WASTE COLLECTION VEHICLES WILL BE REQUIRED TO DRIVE ONTO OR OVER SUPPORTED STRUCTURES (E.G. AIR GRATES, TRANSFORMER COVERS, OR UNDERGROUND PARKING GARAGE STRUCTURES).