



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