



RESIDENTIAL SOLID WASTE MANAGEMENT NOTES:

SOLID WASTE MANAGEMENT REQUIREMENTS AS PER THE PEEL WASTE COLLECTION DESIGN STANDARDS MANUAL:

PEEL WASTE MANAGEMENT REQUIRES INTERNAL STORAGE AREAS TO BE LARGE ENOUGH TO CONTAIN ALL THE REQUIRED NUMBER OF FRONT-END GARBAGE BINS, IN ADDITION TO A SPACE (A MINIMUM OF 10 M2) FOR THE STORAGE OF BULKY ITEMS.

THE AREA OF GARBAGE BINS IS CALCULATED AT 10 M2 FOR THE FIRST BIN AND 6M2 FOR EACH BIN THEREAFTER. EACH 4 CUBIC YARD BIN CONTAINING COMPACTED WASTE CAN ACCOMMODATE 72 UNITS. FOR RECYCLABLE MATERIALS, EACH 10 UNITS REQUIRES 0.5 CUBIC YARDS OF SPACE WHICH ARE NOT TO BE COMPACTED.

THE TURNING RADIUS FROM THE CENTRE LINE HAS TO BE A MINIMUM OF 13 METRES 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.

TRAINED ON-SITE PERSONELL MUST MANEUVER COLLECTION BINS IN FRONT OF COLLECTION VEHICLE DURING COLLECTION DAY.

TRAINED ON-SITE PERSONNEL MUST ASSIST THE COLLECTION VEHICLE IN REVERSING OUT OF THE LOADING SPACE ON COLLECTION DAY.

THE FOLLOWING MINIMUM CLEARANCES ARE TO BE PROVIDED FOR THE WASTE COLLECTION VEHICLE:

- IN THE COLLECTION AREA AN OVERHEAD CLEARANCE OF 7.5 METRES FROM OBSTRUCTIONS SUCH AS BALCONIES, WIRES AND TREES MUST BE PROVIDED.
- OUTSIDE OF THE COLLECTION AREA AN OVERHEAD CLEARANCE OF 4.4 METRES FROM OBSTRUCTIONS SUCH AS BALCONIES, WIRES AND TREES MUST BE PROVIDED.

RESIDENTIAL WASTE MANAGEMENT CALCULATIONS:

WASTE STORAGE ROOM SIZE AND NUMBER OF BINS REQUIRED:

PROPOSED BUILDING WITH 169 UNITS REQUIRES:

166 / 72 = 2.3 BINS = 3 'FOUR-CUBIC YARD' BINS
 = 2 BINS @ 6m² + 1 BIN @ 10m²
 = 22m² + 10m² (BULKY ITEMS)
 = 32m² FOR SOLID WASTE

FOR RECYCLABLE MATERIALS:

166 / 10 = 16.6 * 0.5 CUBIC YARD = 8.3 CUBIC YARD
 = 3 'FOUR-CUBIC YARD' BINS
 = 2 BINS @ 6m² + 1 BIN @ 10m²
 = 22m²

TOWER A REQUIRES A GARBAGE ROOM 54m² IN SIZE CAPABLE OF ACCOMMODATING: 3 BINS USED FOR SOLID WASTE, 3 BINS USED FOR RECYCLABLE MATERIALS AND 10m² FOR BULKY ITEMS.

PROVIDED GARBAGE ROOM AREA = 78 m²

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