

WASTE CALCULATIONS

GENERAL WASTE / WEEK 1 BED UNIT- $40m^3 \times 15 = 600m^3$ 2 BED UNIT -60m³ x 27 = 1 620m³ 3 BED UNIT - $80m^3 X 6 = 480m^3$ **TOTAL WASTE:**

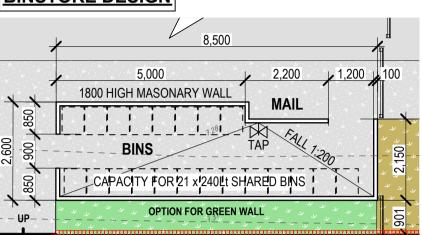
BIN SIZE 240Lt = 12 x BINS / WEEK REQUIRED

RECYCLING / WEEK

 $20m^3 x 15 = 300m^3$ 1 BED UNIT-40m³ x 27 = 1 080m³ 2 BED UNIT -3 BED UNIT - $90m^{3}X 6 = 540m^{3}$ TOTAL RECYCLING:

BIN SIZE 240Lt = 8 x BINS / WEEK REQUIRED

BINSTORE DESIGN



-1. BIN STORE #LayID Scale 1:100

DESIGN NOTES

2 x BINSTORES ARE PROVIDED, ONE ON THE NORTH AND THE OTHER ON THE SOUTH.

EACH BINSTORE IS OPEN TO THE AIR CONTAINED BY AN 1800mm HIGH MASONARY SCREEN WALL.

ACCESS TO THE BINS IN VIA A 900mm OPENING ON THE WEST WITH A 1200mm EXIT ON THE EASTERN SIDE FOR EASE OF BRINGING BINS IN AND OUT.

THESE ACCESS POINTS ARE NOT GATED AS THE ENCLOSURE IS BEHIND THE PROPERTY GATES. THE BINSTORE WILL BE CONNECTED TO THE SEWER WITH AN FWG AND HOSE COCK.

CAPACITY IS FOR 21 x 240Lt BINS IN EACH TOTALLING 42 SHARED BINS. UPTO TO 21 BINS WILL BE DEDICATED TO RECYLING AND 21 FOR GENERAL WASTE. THIS WILL PERMIT A WEEKLY GENERAL WASTE COLLECTION AND FORTNIGHT RECYCLING COLLECTION. THIS WILL ALSO ALLOW FOR CHANGES & GROWTH IN WASTE COLLECTION AS THE CAPACITY IS 14 x 240LT BINS GREATER

COLLECTION VEHICLE

THAN REQUIRED.

Collection Vehicle	Rear Lift	Side Lift	Front Lift
Length	Up to 10.24m	Up to 9.64m	Up to 11.5m
Width	2.5m	2.5m	2.5m
Height (Operational)	Up to 3.5m	Up to 3.9m	Up to 6.2m
Height (Traveling)	Up to 3.5m	Up to 3.6m	3.82m
Bin servicing size	120L - 1,100L	120L - 360L	> 1,100L

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COLLECTION PROCESS

THE COMPLEX WILL HAVE A PROPERTY MANAGER. THE PROPERTY MANAGER WILL BE RESPONSIBLE FOR PLACING THE BINS ON THE STREET IN ACCORDANCE WITH THE LOCAL AUTHORITY COLLECTION SCHEDULE. FOR WASTE COLLECTION BY THE LOCAL AUTHORITY. FOLLOWING COLLECTION THE BINS WILL BE RETURNED TO THE BINSTORE ON THE SAME DAY.



RESIDENTIAL DEVELOPMENT	CITY OF KARRATHA	WASTE MANAGEMENT PLAN
lot 30 NAIRN STREET	•	S.D
WESTERN AUSTRALIA	DEVELOPED	CLIEN

. ALL LEVELS, DIMENSIONS, POSITIONS & HEIGHTS TO BE CHECKED & VERIFIED ON SITE BEFORE COMMENCEMENT OF BUILDING WORKS. 2. FIGURED DIMENSIONS ARE TO BE TAKEN, DO NOT SCALE OFF DRAWINGS. . ALL ARCHITECTURAL DRAWINGS TO BE READ IN CONJUNCTION WITH SPECIFICATIONS & ALL OTHER RELEVANT ENGINEERING DRAWINGS FROM STRUCTURAL. ELECTRICAL, HYDRAULIC & MECHANICAL. . ANY DISCREPENCIES TO BE REPORTED TO THE AUTHOR BEFORE ACTION IS

5. REFER TO STRUCTURAL ENGINEERS DRAWINGS FOR ALL STRUCTURAL WORKS.

6. LARGE SCALE DRAWINGS TO SUPERCEDE SMALL SCALE DRAWINGS.

	REV	ITEM	DATE	REV	ITEM	DATE	
	A	REVIEW	06/12/24				
(0							
NOTES							
			SNO				SNC
GENERAL			REVISIONS				REVISIONS
B			A. T.				R)

CONCEPT 06/12/2024 1:200,

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