

WASTE MANAGEMENT PLAN

RATIONALE

Riva Primary School is committed to the principles of minimising our negative impact upon the environment, and developing positive habits with students, staff and our school community in:

- Reducing the amount of waste sent to landfill;
- Reusing materials where possible in our education programs or in alternative ways; and
- Recycling as many items as possible through on-site collection and outside partnerships.

OPERATION

Aligned with our rationale, and the aspiration of the City of Armadale to transition to a three household bin solution, the school will provision waste management stations within the grounds as central collection points and for direct access by students and staff.

Each station will house:

- 1 x 120L General Waste Bin
- 1 x 120L Comingled Recycling Bin
- 1 x 60L Garden Organics / Food Waste

There will be a total of 8 stations located within the school grounds. Students and staff have direct access to the central bin stations, located outside each teaching block, undercover area and library/staffroom block. Each classroom, wet area and collegiate area will have a general waste and comingled recycling bin, which are emptied daily into the nearest collection point.

COMINGLED RECYCLING

The 8 x 120L comingled recycling bins are emptied daily into a 3m³ front lift comingled recycling bin which is located in the bin store. This bin is for the recovery of mixed plastic, paper, cardboard, glass, aluminium and steel. The 3m³ bin is emptied once per week by the contracted service provider. The items in this stream are separated at the Contractor's recycling plant and sold on recycling markets.

GARDEN ORGANICS / FOOD WASTE

The 8 x 60L Garden Organics / Food Waste bins are emptied daily into one of 4 x 240L Food Waste / Organics Recycling Bins which are housed in the bin store and emptied weekly by the contracted service provider. The clean organic waste from this stream is processed by the contractor into compost and mulch.

GENERAL WASTE

The 8 x 120L General Waste bins are emptied daily into a 3m³ front lift general waste bin which is located in the bin store. This bin is emptied twice per week by the contracted service provider.

BIN STORE

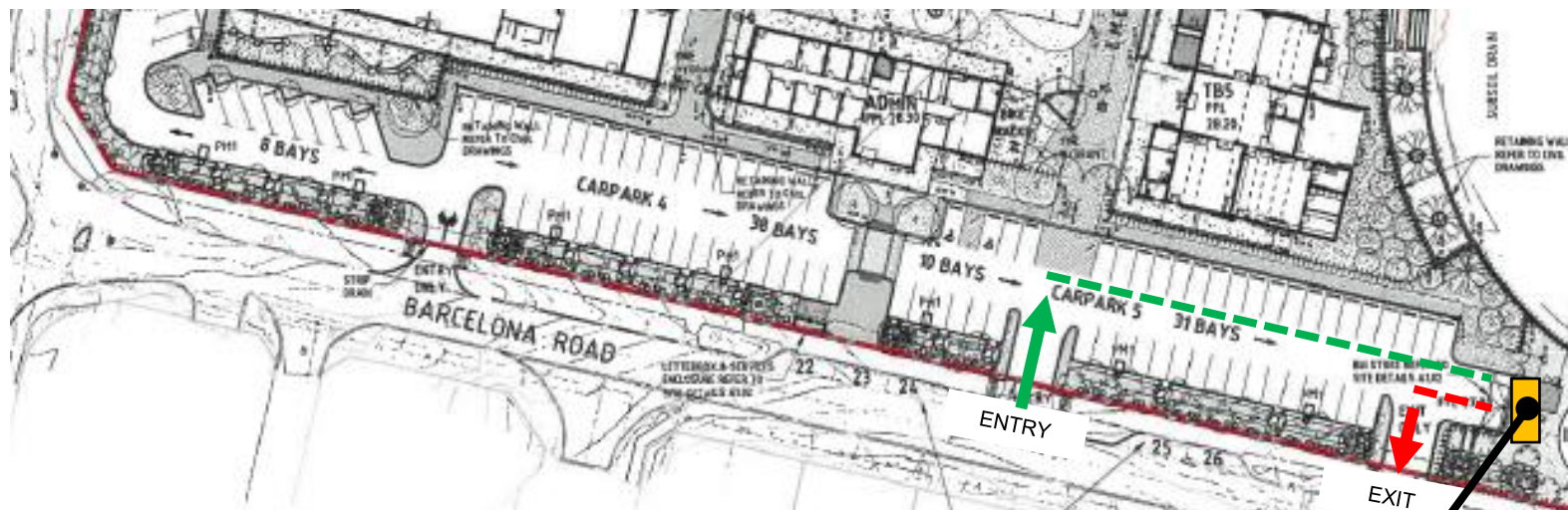
A purpose-built bin store is located on the western corner of the school site on Barcelona Road. It is constructed with limestone bricks to three sides, with strategic lockdown within the site achieved through garrison fencing. The enclosure is completed by two lockable colourbond gates which open the width of the enclosure for access of the waste management contractor. The bin store shields the waste containers and management from the view of the public and maintains a low-impact and harmonious street presence for the facility. This is further complemented by the strategic planting of additional trees to the street front.

An additional single colourbond gate is available for school staff, cleaning, gardening and maintenance staff to be able to consolidate the school waste station bins into the 3m³ skips and the 240L garden organics bins.

Both the front heavy-vehicle access gates and smaller service gate are kept locked and are inaccessible to the general public. The locks are heavy-duty padlocks keyed to the standard Department of Education contractor key. The waste contractor has been provided with this key to enable access and to then secure the bin store in the course of servicing.

LOCATION AND ACCESS

The bin store is accessed from Barcelona Road, with service vehicles pulling up to the gates as marked. Exit is via Barcelona Road in the direction shown.



CAPACITY AND CALCULATIONS

In determining the total capacity for waste collection and disposal, calculations are based on the full and expanded capacity of the school, being 803 full time equivalent students, and up to 50 FTE staff.

General waste

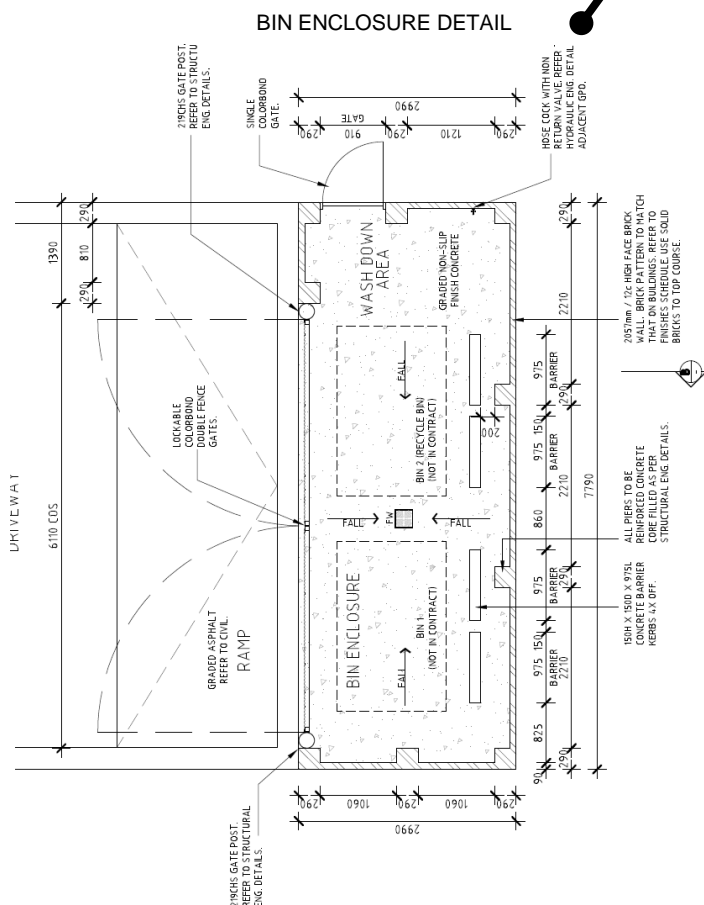
Up to 1.25L of general waste per person, per day, 5 days per week.
 = 1 x 3m³ bin emptied 2 x per week

Comingled recycling

Up to 0.75L of comingled recycling per person, per day, 5 days per week.
 = 1 x 3m³ bin emptied 1 x per week

Garden organics / food waste

Up to 0.25L of garden organics / food waste per person, per day, 5 days per week.
 = 4 x 240L bins emptied 1 x per week



SCHEDULE

3m ³ General Waste Bin	Emptied Monday and Wednesday
3m ³ Comingled Recycling Bin	Emptied Friday
4 x 240L Garden Organics / Food Waste	Emptied Friday

Bins are collected no earlier than 7am each day and no later than 7pm, weekdays only, as per agreed schedule.

CLEANING AND MAINTENANCE

The bin enclosure includes a fixed tap, which will be fitted with a heavy duty hose. The floor has an integrated drain, with the surface raked towards the centre to ensure even drainage to the sewer. All bins will be cleaned weekly. The bin store will be swept and kept free of debris on a daily basis as part of the scheduled duties of school maintenance staff (cleaners / gardeners). During scheduled school vacations, a full service of the enclosure will be performed with the bins sanitised and then temporarily removed from the store to facilitate pressure washing of the concrete.

CONTRACTOR

The contractor is an approved supplier under the Whole of Government Common Use Arrangement CUAWAS2016. The school has entered an agreement with an approved contractor for the provision of the services described in this waste management plan for a period of 12 months, at which time, the contract will be reviewed to see that value for money and fit-for-purpose service is still being provided.

WASTE REDUCTION GOAL

The school has a permanent-build capacity to accommodate 590 students, expandable to 803 full-time-equivalent students with the addition of transportable classrooms. Our Waste Management plan and approach of teaching and reinforcing waste-wise habits, minimising waste through attention to school purchasing decisions and sustainable practices, we aim to reduce the number of pick-ups of the general waste bin from two per week to once per week, either through increasing the comingled recycling bin pick-up or through maintaining a once per week lift for all waste containers.

AUDIT AND REVIEW

Our Waste Management Plan is subject to ongoing monitoring and review, including physical auditing of each collection stream for volume, contamination and informing further reductions in our landfill waste. Any request to increase or vary the collection schedule or arrangements shall be negotiated in consultation with the City of Armadale.

ENDORSEMENT

The endorsement of this plan is recorded in the Minutes of the meeting of the Forrestdale South East Primary School (planning name) Pilot Group on Wednesday 28th July 2021.

