URBIS

Waste Management Plan

271-275 Pearcedale Rd, Cranbourne South

April 2026

Prepared for: Christian Education Ministries

Urbis staff responsible for this report were:

Director	Maree Marshall
Senior Consultant	Francisco Lugo
Consultant	Martin Menendez
Project Code	**P0063738**

Revision	Date	Details
A	06/02/2026	Draft Waste Management Plan
B	15/04/2026	Waste Management Plan

Acknowledgment of Country

Urbis acknowledges the Traditional Custodians of the lands we operate on.
We recognise that First Nations sovereignty was never ceded and respect First Nations peoples continuing connection to these lands, waterways and ecosystems for over 60,000 years.
We pay our respects to First Nations Elders, past and present.

Urbis is committed to incorporating our respect for First Nations cultures, peoples and storytelling in our work across the Country. We are proud to have partnered with Darug Nation artist, **Hayley Pigram**, and to profile her artwork - **Sacred River Dreaming**.

The river is the symbol of the Dreaming and the journey of life. The circles and lines represent people meeting and connections across time and space. When we are working in different places, we can still be connected and work towards the same goal.

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Executive Summary

The below is a summary of the waste management strategy proposed for the subject site. The complete report must be read in detail prior to implementing the waste management plan.

Urbis has been engaged to prepare a **Waste Management Plan (WMP)** for the proposed educational development located at **271-275 Pearcedale Road, Cranbourne South**, consisting of a mix of primary and secondary educational spaces through different stages implemented from 2026 to 2036.

This section provides a summary of the overall waste management strategy proposed for the overall site at conclusion of stage 5.

1. **Stage 1**, inclusive of:
   - Educational spaces for **438 Primary School Students**
   - Educational spaces for **437 Secondary School Students**
2. **Stage 5 (Final)**, inclusive of:
   - Educational spaces for a total **755 Primary School Students**
   - Educational spaces for a total **745 Secondary School Students**

For operational efficiencies, the waste room has been designed to satisfy the expected waste demand at stage 1 and stage 5, by increasing the waste collection frequency per stream.

The following waste systems and collection arrangements are proposed for the development:

Table 1 - Overall Site - Waste Collection Summary

Stream	Item	Collections per Week At Stage 1	Collections per Week At Stage 5	Collection
Garbage	*5x 1100 Litre Bins*	*2*	*3*	*All Collections by Private Contractor*
Commingled Recycling	*1x 1100 Litre Bins*	*1*	*2*	
Cardboard	*2x 1100 Litre Bins*	*2*	*3*	
Glass	*1x 120 Litre Bins*	*As required*	*As required*	
*FOGO**	*Composting Unit*	*4m3 Units*	*As required*	
Hard Waste	*8m2 Hard Waste Area*	*As Required*	*As Required*	
E-Waste	*2x 660 Litre Bins*	*As required*	*As required*	
*Additional waste streams***	*5m2 Waste Area*	*As required*	*As required*	

Food and Garden Organics (FOGO) is proposed to be managed via the use of a composting unit (refer to **Section 1.1.1.2). Contingency bins have been provided for when the composting unit may not be able to process the waste demand.*

***Additional waste streams (i.e. timber, metals, plastics) will be collected on an as required basis due to the equipment to accumulate a sufficient volume of material prior to collection. Anticipated collection of approx. 1 per month per stream.*

No bins will be stored outside of the title boundary or presented to kerb for collection at any time.

School Management will ensure sufficient access is provided for collection vehicle operators during collection times.

All waste collections will occur on-site directly from the centralised waste room. **An 8.8m MRV or smaller collection vehicle** will be utilised to perform all collections, entering and exiting the loading area via Pearcedale Road through the internal road system. Swept path analysis showing sufficient access is provided in **Appendix B.**

During Stage 1 and 2, waste collection will occur from the closest point where the truck can safely park to collect waste (within bus bays adjacent to school entrance). Refer to **Appendix A** showing collection point and temporary area to hold bins collected at one time. No bins will be stored permanently in this area. School management will ensure that bins are presented and ready for collection as required.

During Stage 3, 4 and 5, collection vehicles will prop within the loading area near the waste room, with operators to collect the material directly from the waste room and return empty storage containers (if appropriate) immediately upon emptying.

A composting unit have been implemented on-site for the management of food and garden waste.

Introduction

The following Waste Management Plan (WMP) has been prepared for the proposed educational development at **271-275 Pearcedale Road, Cranbourne South**.

This **WMP** has been prepared based on ***City of Casey's Waste Management Guidelines for developments within City of Casey* (2018)** and ***Sustainability Victoria Better Practice Guide for Waste Management and Recycling in Multi-unit Developments (2019)*** and better practice waste management methodology and technologies commonly available in Australia.

The waste services proposed throughout this **WMP** will be reviewed with respect to any change in the operational requirements of the subject development over time. Revised waste management plans will be issued to Council for approval prior to adoption.

Land Use and Development Summary

Table 2 – Site Summary

Client:	Christian Education Ministries
Land Use Type:	Educational
Number Levels:	Up to 3 levels

Table 3 – Development summary

Stages	Use	Quantity / Area
Stage 1	Primary School	438students
	Secondary School	437 students
	TOTAL STAGE 1	**875 students**
Stage 5	Primary School	755 students
	Secondary School	745 students
	TOTAL STAGE 5	**1,500 students**

Site Layout

Figure 1 below provides an indicative layout of all the stages proposed for the site.

Figure 1 – Site Staging

1

Waste Management Analysis

1 Waste Management

This section covers the waste management strategy, including waste stream separation, waste calculations and material handling proposed.

The waste management strategy has been developed in alignment with ***City of Casey's Waste Management Guidelines for developments within City of Casey* (2018)**, ***Sustainability Victoria Better Practice Guide for Waste Management and Recycling in Multi-unit Developments (2019)***, better practice in Australia and similar development back of house operations. This Waste Management Plan makes allowance for extended waste streams and methodologies to enhance the ability to divert waste from landfill.

1.1 Waste Stream Systems

Waste shall be sorted on-site by staff as appropriate into the following streams. **Extended Waste streams are not mandatory to be separated and subject to school management.**

Table 4 –Waste Streams

Core Waste Streams	Extended Waste Streams
General Waste (Garbage)	Hard Waste / Bulky Waste
Commingled Recycling	Electronic Waste
Food and Garden Organics (FOGO)	Cardboard
Glass	Unique Waste Streams (e.g. timber, Polystyrene, metal, plastics, secure paper)

1.1.1 Core Waste Streams

Throughout the facility it will be ensured that it is as easy to dispose of all core waste streams as it is garbage. This will be achieved by ensuring the development is appropriately furnished with bin stations throughout the ancillary spaces and communal areas. Clear signage is to be appropriately displayed in combination with the bin stations to identify the segregation of waste streams and correct use of the bins.

Bin stations will be used to encourage the separation of waste streams and diversion from landfill. The bin stations incorporate the provision of multiple bins for different waste streams at central locations and common areas for ease of disposal. This system is beneficial as users are required to make a conscious decision as to which bin they place their waste, typically resulting in a reduced volume of garbage (landfill).

The use of bin stations also reduces the amount of locations cleaners are required to service throughout the development.

Figure 2 – Bin Station Examples

Spaces shall have minimum provisions for a single bin station per room or collective area for all uses. Each bin station is recommended to consist of a minimum of two bins to have a minimum cumulative capacity for garbage and commingled recycling.

1.1.1.1 General Waste and Commingled Recycling

Staff/cleaners will be responsible for transferring the waste in the bins stations throughout the school, disposing general waste and commingled recycling into the corresponding 1100 litre bins via the use of the bin lifter, located in the waste room. Staff may utilise trolleys and or individual bins to facilitate the transfer. Only trained staff/cleaners are to operate the bin lifter equipment.

Garbage waste is to be disposed of bagged and commingled recycling is to be disposed of loosely within the provided bins.

1.1.1.2 Food and Garden Organics - Composting

Food and Garden Organic (**FOGO**) waste extending from the development will be managed via a composting unit/area located in the green spaces of the site. This would not only work as a processing unit of waste on site but a piece of equipment can be used for educational purposes. The composting unit/area will break down FOGO waste, creating a byproduct rich in nutrients that can be mixed with other soils and minerals to produce

Figure 3 – Example Composting (left) and example of compost units area at schools (right).

Organics Contingency Planning

In the event that the organic composting unit/area is not operational (due to malfunction, input overload or maintenance), bins are provided for the contingency management of FOGO. Storage locations for the temporary holding of organics bins in the event the organics composting not operational are highlighted in **Appendix A.**

1.1.1.3 Glass Waste

It is not expected that this site will generate sufficient glass waste to be separated and collected. If required, provision of extra 120L bins would be able to manage this stream and collected as deemed appropriate by school management.

Glass waste is to be disposed of loosely with any plastic liners to be disposed of within the garbage bins.

1.1.2 Extended Waste Streams

1.1.2.1 Cardboard

Staff/cleaners will be responsible for transferring and disposing cardboard into the corresponding 1100 litre bins located in the waste room.

Cardboard is to be disposed of loosely within the provided bins. Large cardboard items are to be broken down and flattened prior to disposal.

1.1.2.2 Hard Waste

A dedicated 8sqm hard waste area will be used by staff to temporarily store their hard waste until the time of collection. Hard waste will be collected on an as required basis.

Hard Waste collection will be coordinated with school management.

1.1.2.3 Electronic Waste (e-Waste)

Any electronic waste generated from the site, including batteries, Staff/cleaners will be responsible for transferring and disposing electronic waste (including batteries, screens, computer parts) into the corresponding 660 litre bins located in the waste room.

1.1.2.4 Container Deposit Scheme

A dedicated set of 120L bins can be used by staff to dispose of any eligible aluminium, glass, plastic and carton drink containers between 150mL and 3 litres that are unwanted.

The Container Deposit Scheme (CDS) is a scheme supported by Recycling Victoria to reduce litter. Additionally to the provision of bins within the development, the Victorian Government states "There are many convenient and accessible locations across Victoria for participants to return empty drink containers. Community access and service standards ensure that participants can return their drink containers to a refund point that is convenient for them, regardless of where they are in Victoria.

There are a variety of ways to return drink containers, including:

- reverse vending machines
- depots
- over-the-counter collection points
- Mobile or 'pop-up' refund collection points"

Further details of CDS can be found in their official website https://cdsvic.org.au/locations.

1.1.2.5 Charity

A dedicated 120L bins can be used by management to temporarily hold of any good quality charity items that can be repurposed, reused or donated, until the time of collection.

1.1.2.6 Secure Paper

Office spaces may be furnished with secure paper bins as deemed appropriate by the school management. Secure paper collections will be performed on an "as required" basis via an authorised contractor.

Collection contractors will enter the building, collect and exchange the secure paper bins directly from the individual bins on each area, as per common practice. The school management (or equivalent) will coordinate collection services.

1.1.2.7 Unique Materials

Generally stored within dedicated storage areas or bins appropriate to the stream. This includes fluorescent tubes, chemical, timber, metal, etc. A dedicated storage area is to be provided within the Manual Arts pace for the management of this material as this is the area where most likely it will be generated.

1.1.2.8 Additional Waste Streams

The following list of waste streams have not been individually included within the equipment provision but rather are a suggestion of streams that can be found in school waste generation. Its separation and disposal will depend on the volume generated of this stream.

Table 5 – Additional Waste Stream Methodology

Waste Stream	Storage Method
Soft Plastic	Can be bagged using a gathering stand (refer **Figure 4** below for example) or dispose in the nearest a community recycling centre. (https://www.casey.vic.gov.au/recycle-transfer-stations)
Expanded Polystyrene (EPS)	Can be stored within a gathering stand (**Figure 4** below for example) or dispose in the nearest a community recycling centre. (https://www.casey.vic.gov.au/recycle-transfer-stations)

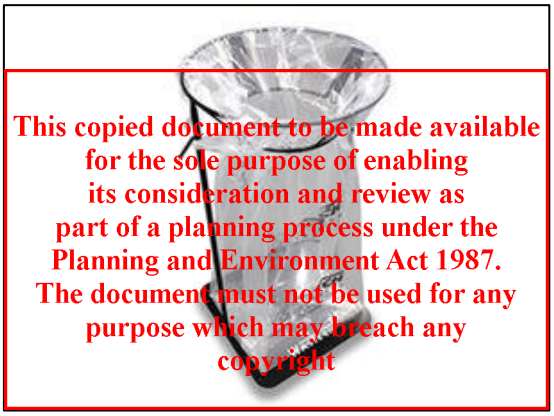

Figure 4 – Example Soft Plastic Gathering Stand

1.2 Waste Generation

To provide a conservative waste volume estimate, a custom waste generation rate has been adopted based on a per student basis. This rate is bases on **Urbis case study data** and in alignment with ***Sustainability Victoria Better Practice Guide for Waste Management and Recycling in Multi-unit Developments (2019)*** and better practice waste management methodology and technologies commonly available in Australia.

Waste generation volumes per week are shown in Table 6.

Table 6 –Waste Generations

Rate	Weekly Generation Rate (Litres / Student / Week)			
	General Waste	Recycling	Cardboard	Organics
Student	8	1	3	3

Weekly waste generation assessment for the development is shown in Table 7.

Table 7 –Waste Generation Assessment

Stage	Qty	Weekly Waste Volume (Litres / Week)				
		General Waste	Recycling	Cardboard	Organics	Soft Plastic
Students **Stage 1**	875	7,000	875	2,625	2,625	7,000
Students **Stage 5**	1,500	12,000	1,500	4,500	4,500	12,000

1.3 Internal Waste Transfer and Handling

All waste transfer paths are to be exclusively within the site title boundary and should not require cleaners/tenants to exit title to perform operations. Transfer routes for waste collections are not to include **stairs or gradients greater than 1:14.**

1.4 Waste Management Equipment

Table 8 and **Table 9** detail the storage method, size, capacity and frequency of collection required for stage 1 and stage 5 respectively.

Table 8 – Stage 1 Waste Equipment Capacity & Volume

Stream	Storage Method	Size	Qty	Collections per Week	Weekly Capacity (L)	Weekly Volume (L)
General Waste	Bin Based	1100 Litre	5	2	11,000	7,000
Commingled Recycling	Bin Based	1100 Litre	1	1	1,100	875
Cardboard	Bin Based	1100 Litre	2	2	4,400	2,625
Food Organics	Composting	4m3	1	-	4,000	2,625

Table 9 – Stage 5 Waste Equipment Capacity & Volume

Stream	Storage Method	Size	Qty	Collections per Week	Weekly Capacity (L)	Weekly Volume (L)
General Waste	Bin Based	1100 Litre	5	3	16,500	12,000
Commingled Recycling	Bin Based	1100 Litre	1	2	2,200	1,500
Cardboard	Bin Based	1100 Litre	2	3	6,600	4,500
Food Organics	Composting	4m3	2	-	8,000	4,500

Due to the requirement for a suitable volume of each extended waste stream (refer to **Section 1.1.2**) to be generated prior to collection, all extended streams will be collected on an as-required basis by a private collection contractor once the storage area capacity is reached.

1.5 Waste Storage and Location

Table 10 demonstrates the cumulative area requirements (excluding circulation) in comparison to the designed provision of waste storage to demonstrate the adequacy of the area provided.

Table 10 –Waste Storage Area Requirements

Waste Room	Waste Equipment	Area Required (m^2)	Area Provided (m^2)
Centralised Bulk Waste Store	8no. 1100L Bins	10.64	51.00
	4no. 240L Bins	1.72	
	9no. 120L Bins	2.16	
	5 sqm Bin Wash Area	5.00	
	8 sqm Hard Waste & E-waste	10.00	
	1no. Mechanical Tug	0.90	
	1no. Bin Lifter	2.00	
Manual Arts Storage	Area & Bins as required	10.00	10.00
	TOTAL	42.42m^2	61.00m^2

1.6 Waste collection Methodology

All waste will be collected via private contractor.

Table 11 - Overall Site - Waste Collection Summary

Stream	Item	Collections per Week At Stage 1	Collections per Week At Stage 5	Collection
Garbage	*5x 1100 Litre Bins*	*2*	*3*	*All Collections by Private Contractor*
Commingled Recycling	*1x 1100 Litre Bins*	*1*	*2*	
Cardboard	*2x 1100 Litre Bins*	*2*	*3*	
Glass	*1x 120 Litre Bins*	*As required*	*As required*	
*FOGO**	*Composting Unit*	*4m3 Units*	*As required*	
Hard Waste	*8m2 Hard Waste Area*	*As Required*	*As Required*	
E-Waste	*2x 660 Litre Bins*	*As required*	*As required*	
*Additional waste streams***	*5m2 Waste Area*	*As required*	*As required*	

Food and Garden Organics (FOGO) is proposed to be managed via the use of a composting unit (refer to **Section 1.1.1.2). Contingency bins have been provided for when the composting unit may not be able to process the waste demand.*

***Additional waste streams (i.e. timber, metals, plastics) will be collected on an as required basis due to the equipment to accumulate a sufficient volume of material prior to collection. Anticipated collection of approx. 1 per month per stream.*

No bins will be stored outside of the title boundary or presented to kerb for collection at any time.

School Management will ensure sufficient access is provided for collection vehicle operators during collection times.

All waste collections will occur on-site directly from the centralised waste room. **An 8.8m MRV or smaller collection vehicle** will be utilised to perform all collections, entering and exiting the loading area via Pearcedale Road through the internal road system. Swept path analysis showing sufficient access is provided in **Appendix B.**

During Stage 1 and 2, waste collection will occur from the closest point where the truck can safely park to collect waste (within bus bays adjacent to school entrance). Refer to **Appendix A** showing collection point and temporary area to hold bins collected at one time. No bins will be stored permanently in this area. School management will ensure that bins are presented and ready for collection as required.

During Stage 3, 4 and 5, collection vehicles will prop within the loading area near the waste room, with operators to collect the material directly from the waste room and return empty storage containers (if appropriate) immediately upon emptying.

A composting unit have been implemented on-site for the management of food and garden waste.

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2

Standards, Compliance and Equipment

Following sections details on best practice waste management methodology, standards required for waste rooms and equipment details.

2 Standards and Compliance

2.1 Bin Supplier and Colours

All bins and equipment mentioned in this WMP will be provided by private supplier. The below bin colours are specified by Australian Standard AS4123.7 2006, however due the private nature of the collection, these are only recommendations and are not mandatory:

- Garbage (general waste) bins shall have red lids with dark green or black body.
- Recycle bins shall have yellow lids with dark green or black body.
- Cardboard bins shall have blue lids with blue body.
- Glass bins shall have purple lids with dark green or black body.
- Organics bins shall have lime green lids with dark green or black body.

Private collection contractors often supply their own bins for collection.

2.2 Signage

Waste drop-off areas and bins will be clearly marked and signed with the approved Sustainability Victoria waste disposal signage, or equivalent, examples of which are provided in **Figure 5**. Staff / cleaners will be instructed by building management to adhere to these requirements.

Figure 5 - Example of Sustainability Victoria Signage

2.3 Ventilation

Ventilation for waste room areas is provided in accordance with Australian Standard AS1668.

2.4 Bin Washing

An appropriately drained wash down area will be provided within each of the waste areas for each component of the development, in which each bin is to be regularly washed by building management (or equivalent). Bin washing area or bin wash bays must discharge to a grease trap.

Alternatively, a third-party bin washing service may be engaged to perform regular washing of bins. Bin washing suppliers must retain all waste water to within their washing apparatus and not impact on the drainage provisions of the site.

2.5 Noise Reduction

All waste areas shall meet BCA and AS2107 acoustic requirements as appropriate with operational hours and collection times assigned to minimise acoustic impact on surrounding premises.

2.6 Vermin Prevention

All waste areas are enclosed and kept clean for prevention of vermin ingress. Regular washing of areas and bins will occur.

3 Waste Equipment Details

3.1 Typical Equipment Dimensions

The below table details the typical waste equipment dimensions.

Table 12 – Typical Storage Unit Dimensions

Unit	Width (mm)	Depth (mm)	Height (mm)
1100 Litre Bin	1,240	1,070	1,330
660 Litre Bin	1,260	780	1,330
240L Bin	585	730	1,060
120 Litre Bin	480	545	930
120-240L Bin Lifter	1,860	1,055	3,180
Bin Tug	600	1,200	1,200
Composting Units	2,000	2,000	1,000

3.2 High Level Purchasing Schedule

Table 13 list the equipment supply required for the core waste streams as per the conditions proposed within this report.

All service requirements noted are indicative only and must be confirmed with the supplier prior to commencement of construction.

Table 13 – Equipment Supply Schedule

Item	Quantity	Typical Services Requirement (s)*	Supplier
Bin Lifter	1 x at waste room	Power Supply: 1-phase, 3-phase or battery.	Private Supplier (Waste Initiatives or equivalent)
Composting Units	2 x at garden area	Nil	Custom built
Mechanical Tug	1 x at waste room	Power Supply: 1-phase, 3-phase or battery.	Private Supplier (Wastech or equivalent)
1100L Bin	5 x Garbage 1 x Recycling 2 x Cardboard	Nil	Private Supplier (SULO or equivalent)
240L Bin	4 x Organics	Nil	Private Supplier (SULO or equivalent)
120L Bin	8 x Additional Waste Streams 1 x Glass	Nil	Private Supplier (SULO or equivalent)

** Services requirements are indicative only and must be confirmed with the manufacturer prior to the commencement of construction.*

3.3 Supplier Contact information

A complimentary listing of contractors and equipment suppliers is provided in Table 14 below for your reference. Urbis is not associated with these suppliers, and there is no obligation to procure goods or services from these companies. This is not intended to be a complete list of available suppliers. Urbis does not warrant or make representations regarding the goods or services provided by these suppliers.

Table 14 – Supplier Contact List

Service Type	Contractor/Supplier Name	Phone	Website
Private Waste Collectors	Premier Waste Management PTY LTD	1300 219 001	www.premierwaste.com.au
	SUEZ Environment	13 13 35	www.sita.com.au
	Cleanaway	13 13 39	www.cleanaway.com.au
	Veolia	132 955	www.veolia.com
Equipment Suppliers	Wastech Engineering (Compactors, Bin Lifters)	(03) 8787 1600	www.wastech.com.au
	Sulo Australia (Bins)	1300 364 388	www.sulo.com.au
	Sitecraft (Bin Tug Equipment)	1300 363 152	www.sitecraft.net.au
Bin Washing Services	The Bin Butlers	1300 788 123	www.thebinbutlers.com.au
	Kerbside Clean-A-Bin	(03) 9830 7381	www.kerbsidecleanabin-srp.com.au
	Calcorp Services	1800 225 267	www.calcorpservices.com.au
	WBCM Environmental Australia	1800 800 621	www.wbcm-aust.com.au
E-Waste Collection Services	TechCollect	1300 229 837	www.techcollect.com.au
	Mobile Muster	1800 249 113	www.mobilemuster.com.au
	ToxFree	1300 869 373	www.toxfree.com.au
CDS Collection	Scouts Victoria	(03) 8543 980	www.scoutscds.com.au
	Return It	1300 237 010	www.returnit.com.au

Disclaimer

This report is dated 14 April 2026 and incorporates information and events up to that date only and excludes any information arising, or event occurring, after that date which may affect the validity of Urbis Ltd **(Urbis)** opinion in this report. Urbis prepared this report on the instructions, and for the benefit only, of Christian Education Ministries **(Instructing Party)** for the purpose of Waste Management Plan for Development Application **(Purpose)** and not for any other purpose or use. To the extent permitted by applicable law, Urbis expressly disclaims all liability, whether direct or indirect, to the Instructing Party which relies or purports to rely on this report for any purpose other than the Purpose, and to any other person which relies or purports to rely on this report for any purpose whatsoever (including the Purpose).

In preparing this report, Urbis was required to make judgements which may be affected by unforeseen future events, the likelihood and effects of which are not capable of precise assessment.

All surveys, forecasts, projections and recommendations contained in or associated with this report are made in good faith and on the basis of information supplied to Urbis at the date of this report, and upon which Urbis relied. Achievement of the projections and budgets set out in this report will depend, among other things, on the actions of others over which Urbis has no control.

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This report has been prepared with due care and diligence by Urbis and the statements and opinions given by Urbis in this report are given in good faith and in the reasonable belief that they are correct and not misleading, subject to the limitations above.

Appendix A - Drawings

277.11

NEW BOUNDARY FENCE

NEW BOUNDARY FENCE

APPROX. LOCATION OF EXISTING PUMP STATION (AS PER DBYD) & CIVIL STAGE 1 PLANS. ALLOW TO CONNECT INTO EXISTING SEWER PUMP STATION AT EXISTING 150mm STUB - REFER TO ENG'S DETAILS

BULKWASTE STORAGE

EXISTING HYDRANT

EX. SERVICE ROAD

CFA WORKS

EXISTING TANKS FROM STAGE 0 TO BE REMOVED & REPLACED WITH 2 X 4.2m H X 6.8m DIA TANKS TO INCLUDE ADDITIONAL HYDRANT & SPRINKLER SUPPLY

APPROX. LOCATION OF EXISTING 32mm WATER METER & CONNECTION FROM STAGE 1. ALLOW AN UPGRADE EXISTING 32mm METER & PIPE CONNECTION TO 65mm (TBC) TO SUPPLY NEW DEVELOPMENT. FINAL SIZING TO BE CONFIRMED BY ENG'S DETAILS.

6,000 mm

7,650 mm

113 BICYCLES PARKING

Transfer path for waste collection

NEW SLIDING GATES TO SCHOOL EXIT

NEW ROAD

98.34

NEW SUBSTATION

EXISTING DEMOUNTABLE

EXISTING DEMOUNTABLE

EXISTING HYDRANT

BUS

NEW BOUNDARY FENCE

Indicative location for ease of access for a 8.8m MRV Waste Vehicle.

NEW CONCRETE PATH

Temporary holding area for bins during collection. No bins will be stored at this point.

PEARCEDALE ROAD

NEW FREE LAWN

PATH

BATTERED EDGE 1:6

1.5M CONCRETE FOOTPATH AROUND BUILDING

PROPOSED LEVELS AS PER CIVIL ENG'S DETAILS

PATH

PATH

NEW 3 STOREY BUILDING
FFL 58.50

16.84

BOUNDARY

NEW SLIDING GATES TO SCHOOL EXIT

PROPOSED LEVELS AS PER CIVIL ENG'S DETAILS

73.21

NEW SLIDING GATES TO SCHOOL ENTRY

BATTERED EDGE 1:6

NEW CONCRETE PATH

PATH

NEW PRIMARY SCHOOL OUTDOOR PLAY AREA

REFER TO LANDSCAPE DESIGN

PATH

NEW FREE LAWN

KISS & DROP

NEW CAR PARKING WITH KISS AND DROP

REFER TO LANDSCAPE DESIGN FOR DETAILS

281.64

1000L (TBC) DILUTION PIT TO BE INSTALLED IN GROUND. 1.7m L x 1.2m W x 1.6m H REFER TO ENG'S DETAILS

BATTERED EDGE 1:6

REFER TO LANDSCAPE DESIGN FOR DETAILS

GATE WITH GUTTER CROSSING FOR SWALE ACCESS MAINTENCE

52.71

PROPOSED BIO-RETENTION BASIN

STORMWATER PITS AS PER CIVIL ENG'S DETAILS

NEW FENCE

4,135

NEW SWALE

9,912

56.0

NEW BOUNDARY FENCE

WILDLIFE CORRIDOR PENDING ECOLOGICAL SURVEY

23,926

57.0

58.0

27.48

277.11

CEM | CHRISTIAN EDUCATION MINISTRIES

ACC Casey

LEGEND

NEW TREE - REFER TO LANDSCAPE PLANS

EXISTING TREE TO BE RETAINED

ISSUE FOR COORDINATION

Rev	Description	Date
	DRAFT ISSUE	03.03.26
	FINAL DA ISSUE	08.04.26

N

Site	271-275 Pearcedale Road, Cranbourne South, VIC 3977
Project No.	18130-02-2401
Scale	@ A1- 1:500
Project Status	DEVELOPMENT APPLICATION
Drawn I Checked	## DRAWN BY I ## CHECKED
Plot Date	09.04.2026

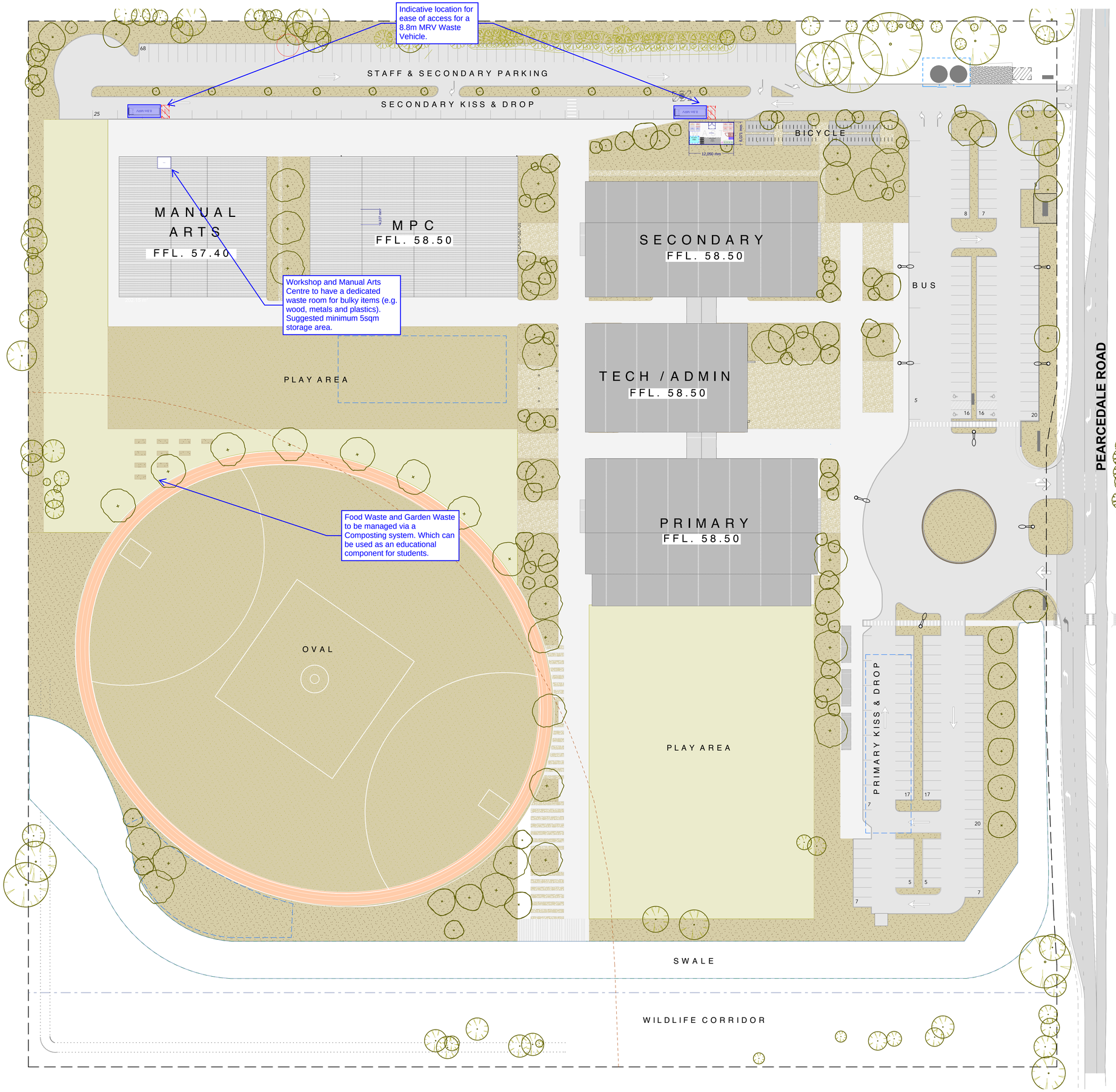
Drawing Title

Cover Page and Site Plan

Stage 1 Proposed Site Plan

DA008

Drawing No.



PRIMARY STUDENTS	755
SECONDARY STUDENTS	745
STUDENT NUMBER	1,500

CEM | CHRISTIAN EDUCATION MINISTRIES

ACC Casey

Legend

(a)	ABOVE
AW	AWNING
AL	ALUMINIUM CLADDING
AB	ALUMINIUM BATTENS
C	CLADDING TYPE
COL	COLUMN
CONC	CONCRETE
CPT	CARPET
CT	CERAMIC TILE
DP	DOWNPIPE
F	FRIDGE
FCL01	FIBRE CEMENT SHEETING
FG	FIXED GLASS
LVR	LOUVRED GLASS
MRS	METAL ROOF SHEETING
PB	PLASTERBOARD
SG	SLIDING GLASS
SNK	SINK
STR	STORAGE
(u)	UNDER
VNL	VINYL

Rev	Description	Date
	DRAFT ISSUE	03.03.26
	FINAL DA ISSUE	08.04.26

N

Site: 271-275 Pearcedale Road, Cranbourne South, VIC 3977

Project No.: 18130-02-2401

Scale: @ A1- 1:500

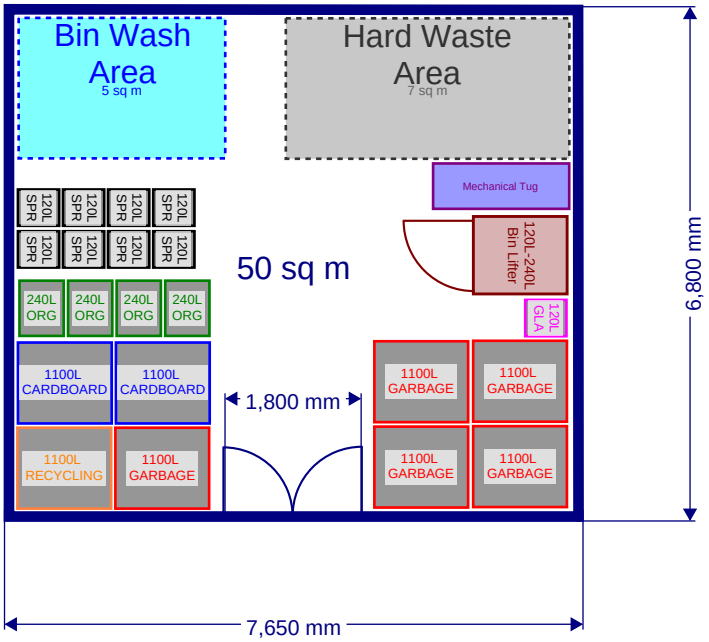
Project Status: DEVELOPMENT APPLICATION

Drawn I Checked: ## DRAWN BY I ## CHECKED

Plot Date: 09.04.2026

Drawing Title: Cover Page and Site Plan Masterplan

Drawing No.: DA002



Waste Systems Required - for 875 Students
5x 1100L Garbage @ 2 collections per week
1x 1100L Recycling @ 1 collection per week
2x 1100L Cardboard @ 2 collection per week
If required, 4x 240L Organics @ 2 collection per week
7m2 Hard waste area collected as required

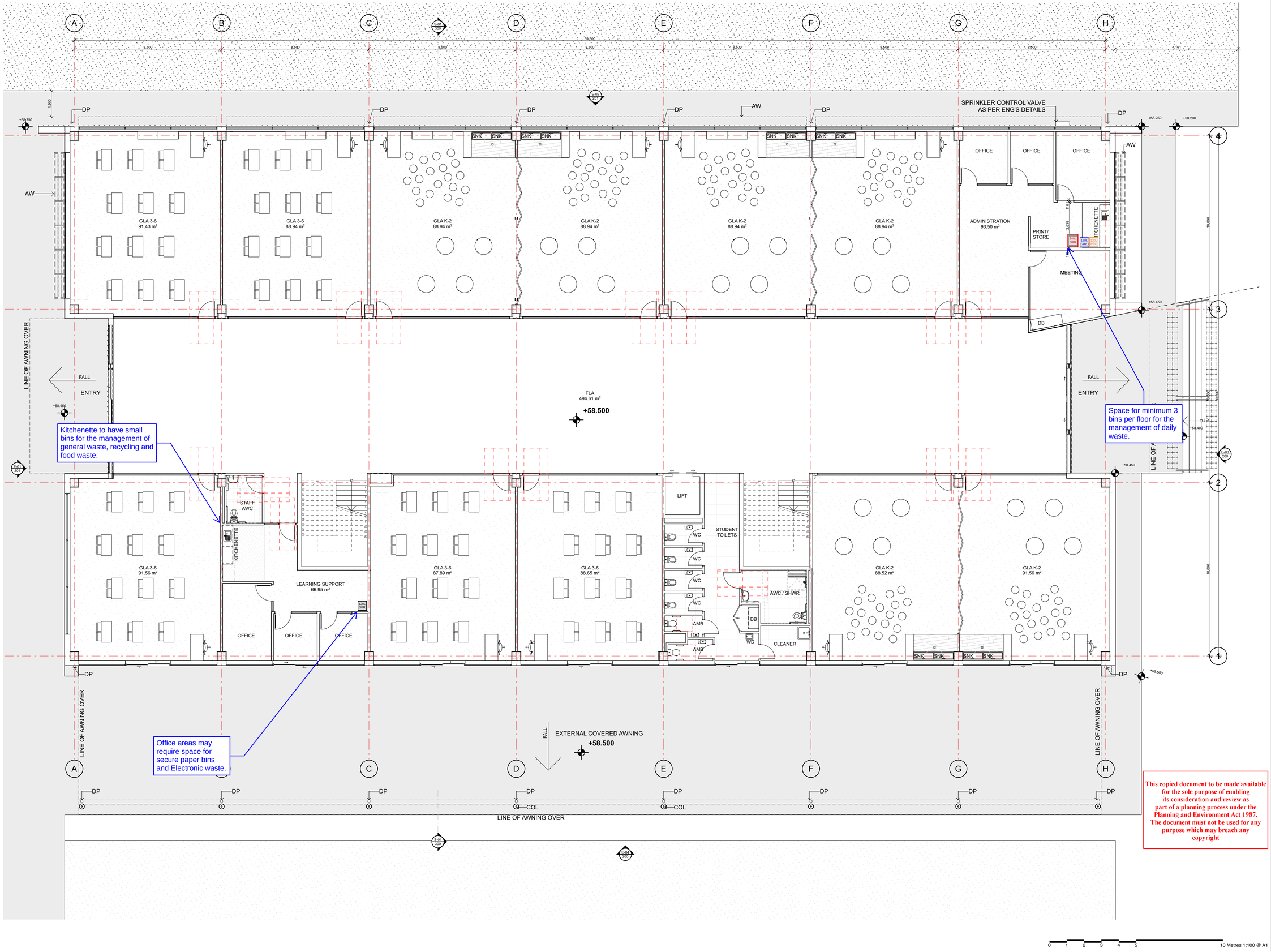
Note: the waste room equipment has been designed to meet the future requirement of 1,500 students, This will be achieved to increase collections per stream to up to 3 times per week.

Extra provision for waste management
- 9 x 120L bins, for additional streams and transfer of waste.
-Bin Wash Area, including trade waste connection, tap water, hose.

Equipment dimensions (mm):

1100L Bin	1240W x 1070D x 1330H
660L Bin	1260W x 780D x 1330H
120L Bin	480W x 545D x 930H
120L - 240L Bin Lifter	480W x 545D x 930H
Bin Tug	900W x 1200D x 1200H

Waste Room Services
Ventilation in accordance with Australian Standard AS1668.
Noise reduction in accordance with BCA and AS2107 acoustic requirements



CEM
CHRISTIAN EDUCATION MINISTRIES

ACC Casey

Legend

(a)	ABOVE
AW	AWNING
AL	ALUMINIUM CLADDING
AB	ALUMINIUM BATTENS
C	CLADDING TYPE
COL	COLUMN
CONC	CONCRETE
CPT	CARPET
CT	CERAMIC TILE
DP	DOWNPIPE
F	FRIDGE
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STR	STORAGE
(u)	UNDER
VNL	VINYL

Rev	Description	Date
	DRAFT ISSUE	03.03.26
	FINAL DA ISSUE	08.04.26

N

Site 271-275 Pearcedale Road, Cranbourne South, VIC 3977

Project No. 18130-02-2401

Scale @ A1- 1:100, 1:1

Project Status DEVELOPMENT APPLICATION

Drawn I Checked ## DRAWN BY I ## CHECKED

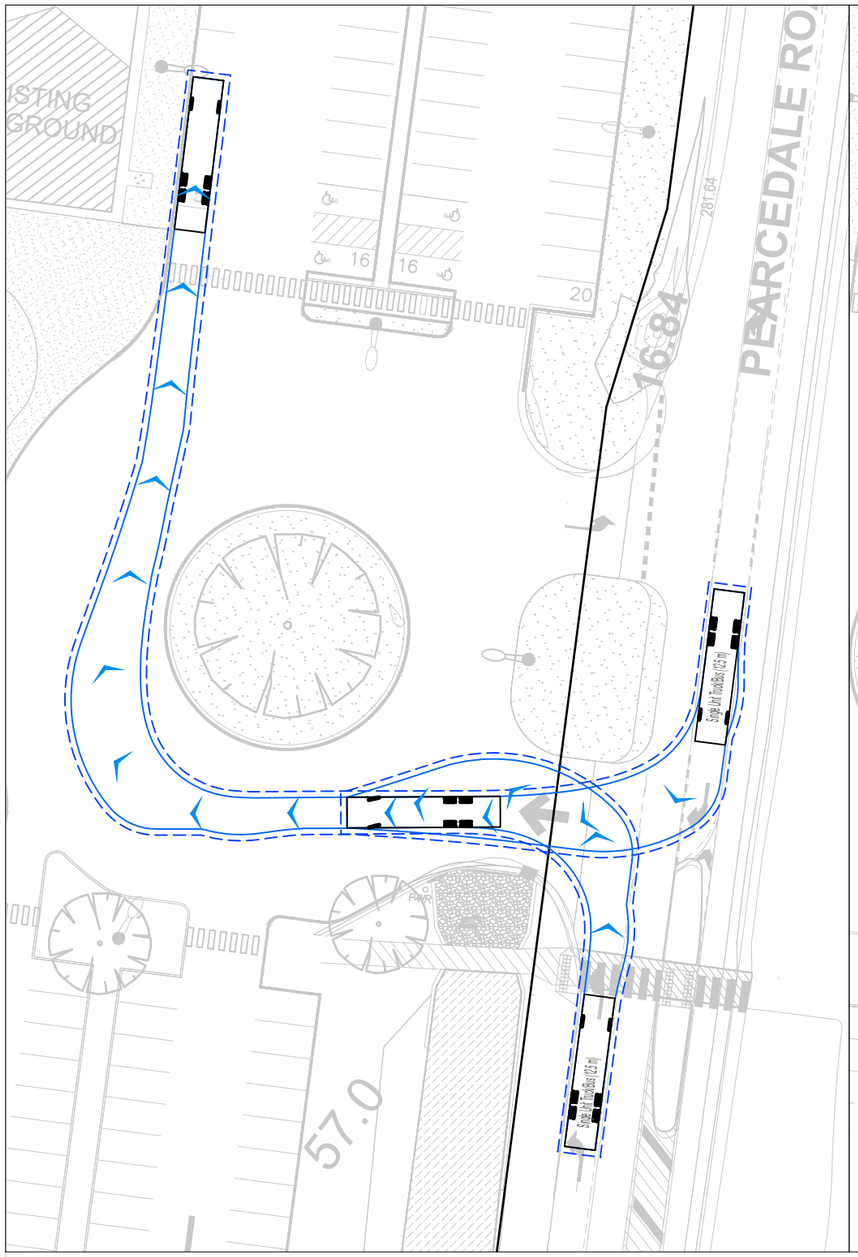
Plot Date
09.04.2026

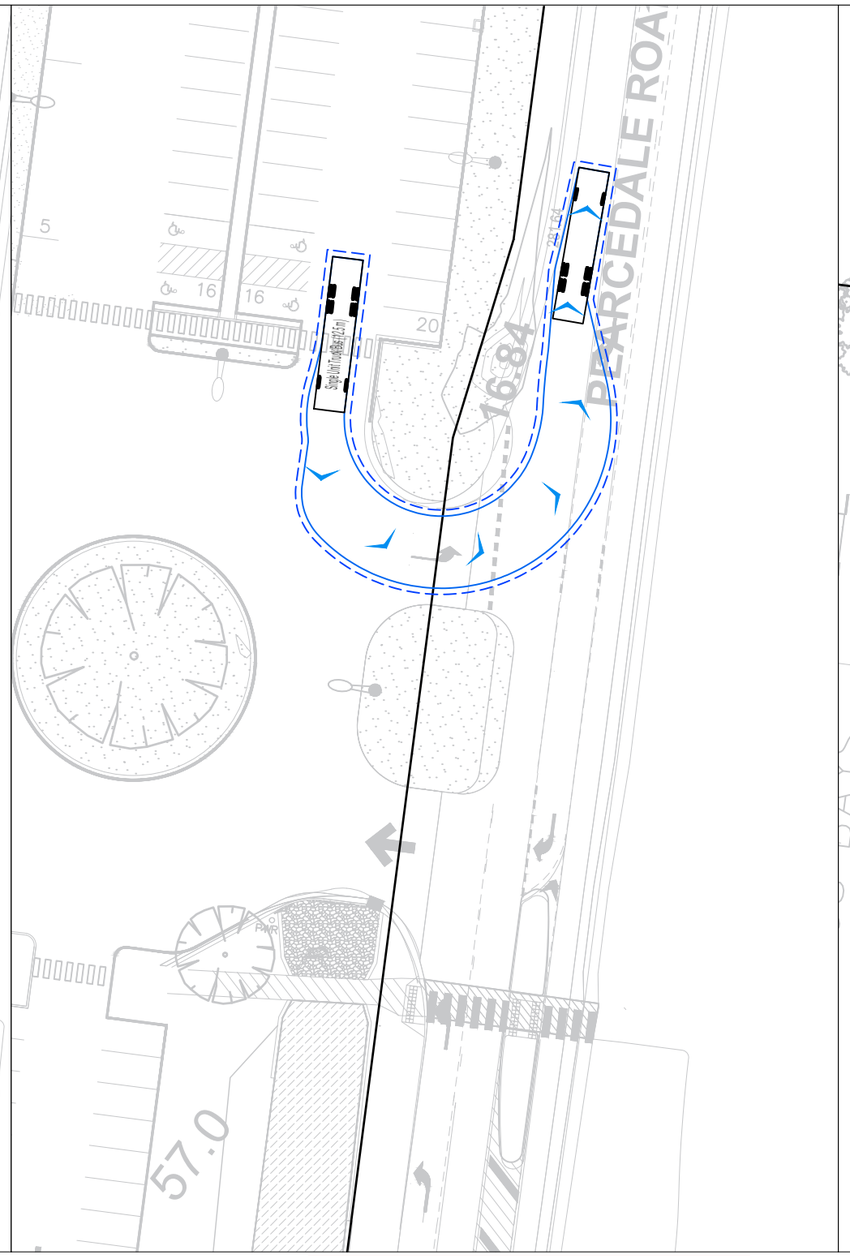
Drawing Title
General Arrangement
Stage 1 Ground Floor Plan

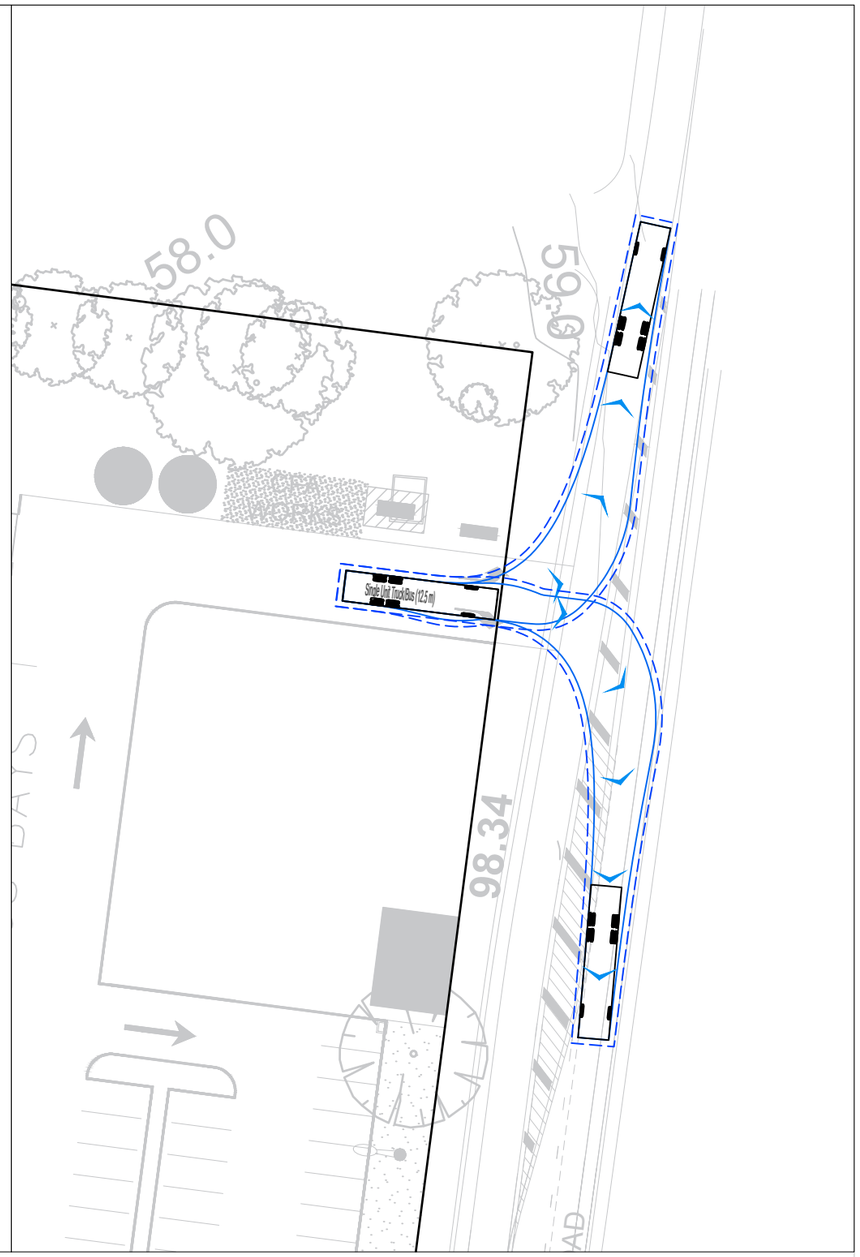
DA100

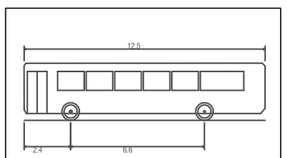
Drawing No.

Appendix B – Traffic Swept Paths









Single Unit Truck/Bus (12.5m)	
Overall Length	12.5m
Overall Width	2.500m
Overall Body Height	3.200m
Min Body Ground Clearance	0.190m
Track Width	2.500m
Lock-to-lock time	6.00s
Curb to Curb Turning Radius	12.500m

LEGEND

- 500 mm BODY CLEARANCE
- VEHICLE BODY - FORWARD
- VEHICLE BODY - REVERSE

SPEED = 5 km/h

STAGE 1
12.5m BUS SITE ACCESS

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NOT FOR CONSTRUCTION

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271-275 Pearcedale Road, Cranbourne South
Swept Path Assessment

Olderfleet, Level 10, 477 Collins Street | Melbourne VIC 3000 AUSTRALIA | +61 3 8663 4888 | URBIS Pty Ltd | ABN 50 105 256 228

ARCHITECTURAL DRAWING REF
DWG NAME: (2D) DA Stage 1 - Site Plan.dwg
DATE: 09/04/2026

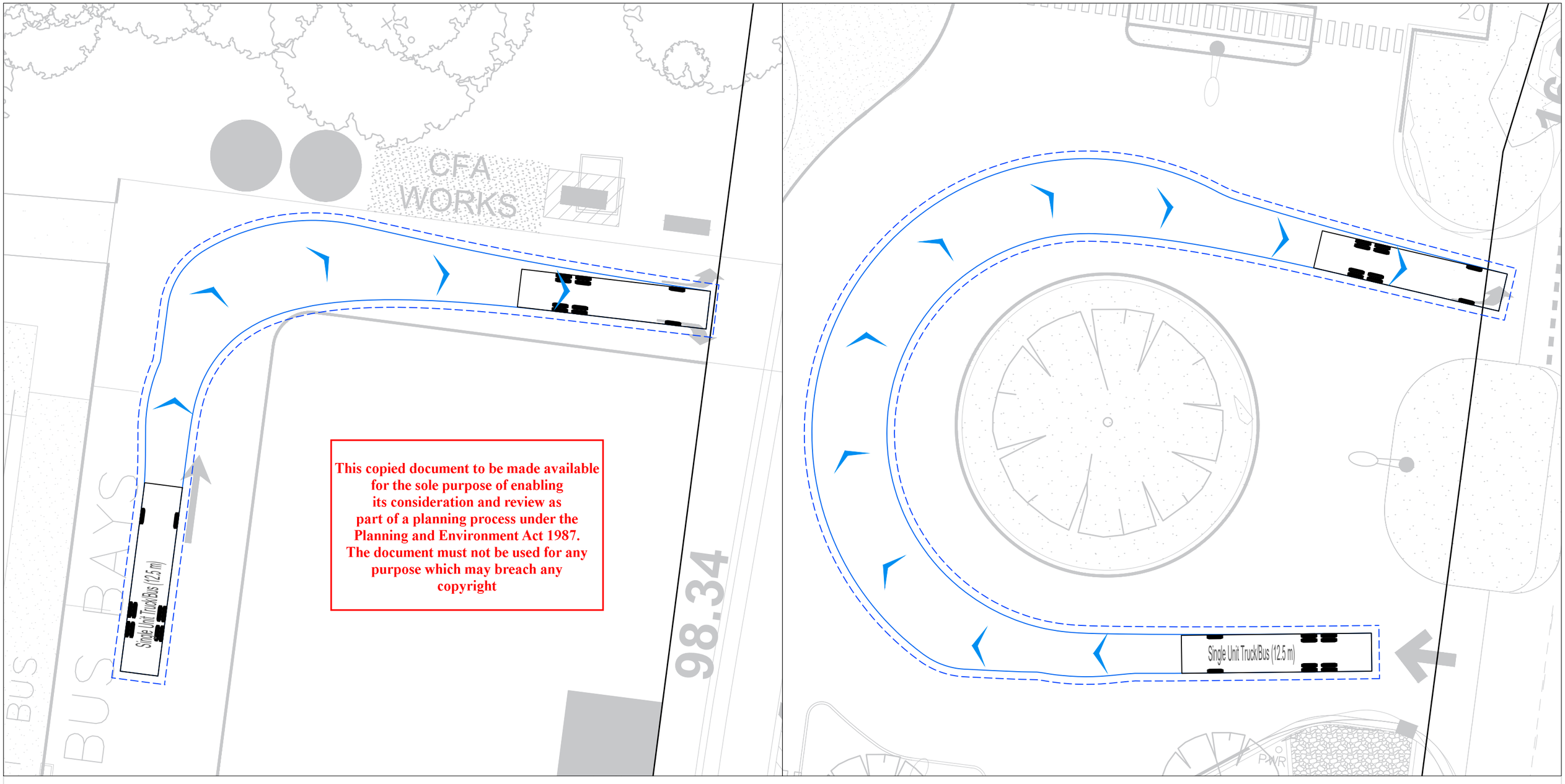
NEARMAP IMAGE
DATE: N/A

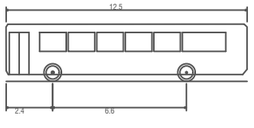
REV	DESCRIPTION	DWN	CHK	DATE
A	Swept Path Assessment	JT	KD	15/04/2026

CLIENT
Christian Education Ministries
Suite 304, 200 The Central Coast Hwy
Erina NSW, 2250 Australia

1:500 @ A3
0 5 10m

PROJECT NO. P0063738
DATE 15/04/26
SHEET NO. 01 OF 05
REVISION A





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Track Width	2.500m
Lock-to-lock time	6.00s
Curb to Curb Turning Radius	12.500m

LEGEND

- 500 mm BODY CLEARANCE
- VEHICLE BODY - FORWARD
- VEHICLE BODY - REVERSE

SPEED = 5 km/h

STAGE 1
12.5m BUS INTERNAL CIRCULATION

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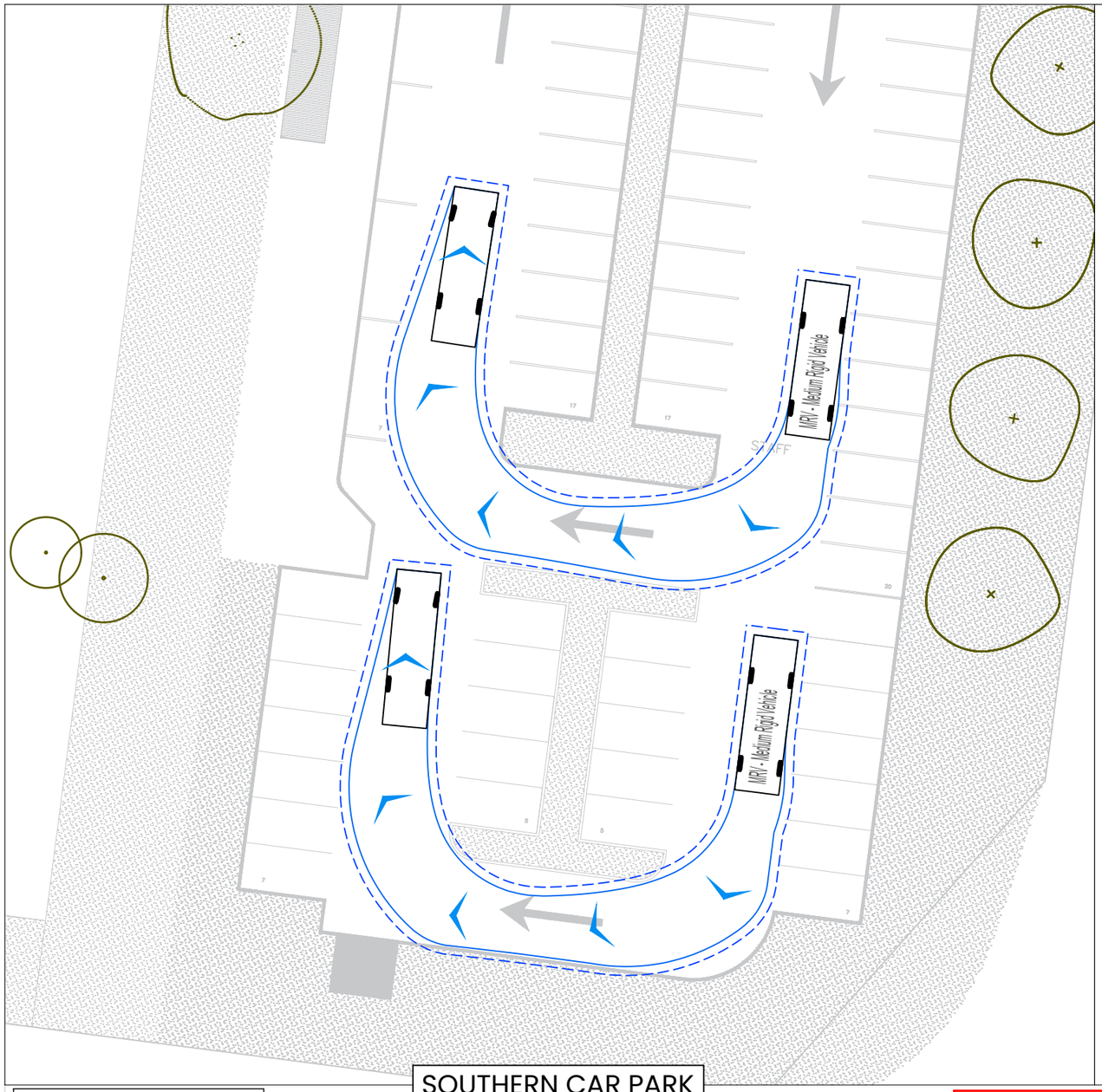
NEARMAP IMAGE
DATE: N/A

REV	DESCRIPTION	DWN	CHK	DATE
A	Swept Path Assessment	JT	KD	15/04/2026

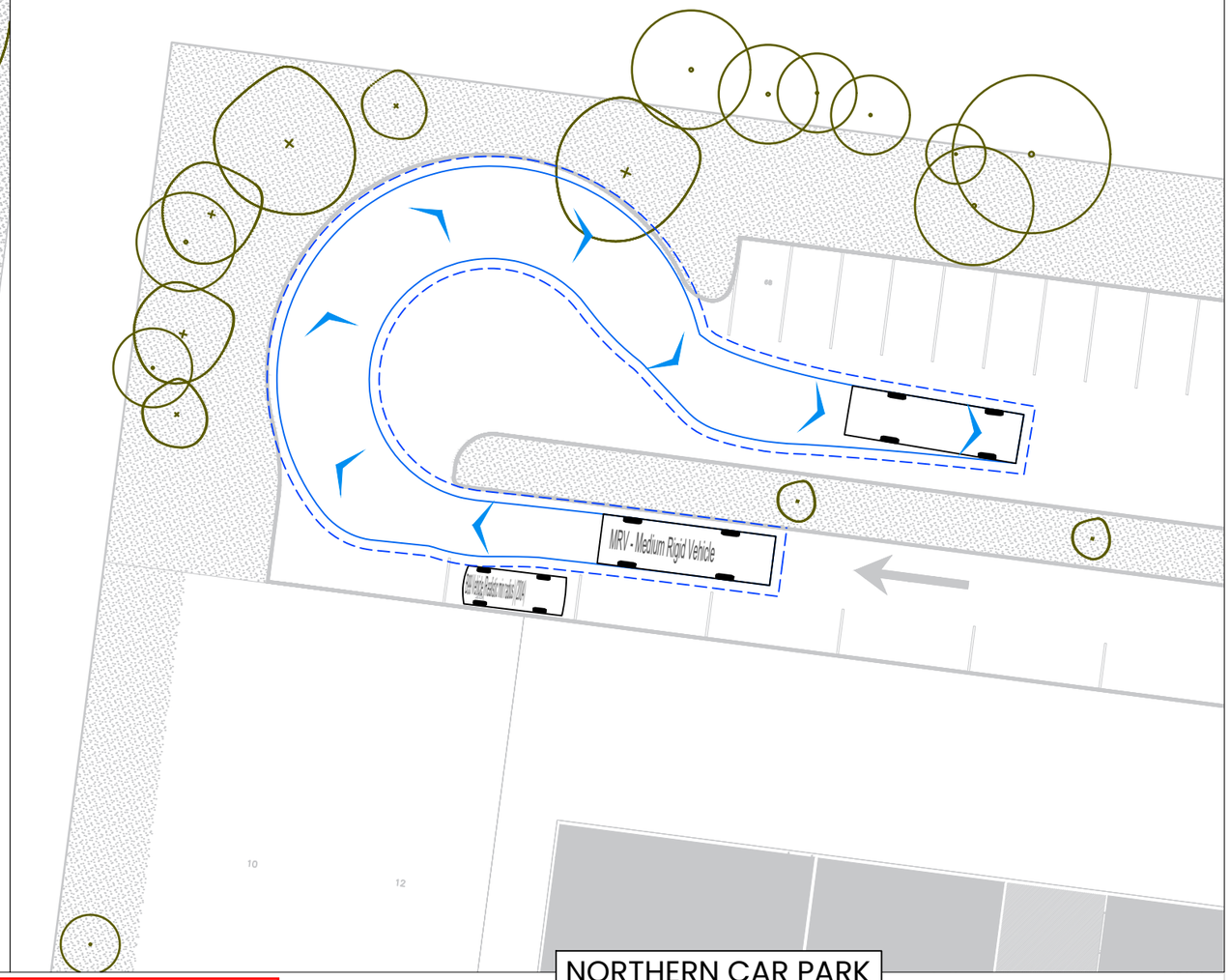
CLIENT
Christian Education Ministries
Suite 304, 200 The Central Coast Hwy
Erina NSW, 2250 Australia

1:250 @ A3
0 1 2 5m

PROJECT NO. P0063738
DATE 15/04/26
SHEET NO. 04 OF 05
REVISION A

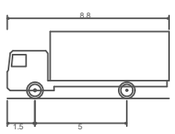


SOUTHERN CAR PARK



NORTHERN CAR PARK

MRV - Medium Rigid Vehicle



MRV - Medium Rigid Vehicle	
Overall Length	8.800m
Overall Width	2.500m
Overall Body Height	3.633m
Min Body Ground Clearance	0.428m
Track Width	2.500m
Lock-to-lock time	4.00s
Curb to Curb Turning Radius	10.000m

LEGEND

- 500 mm BODY CLEARANCE
- VEHICLE BODY - FORWARD
- VEHICLE BODY - REVERSE

SPEED = 5 km/h

MASTER PLAN
8.8m MRV SITE CIRCULATION

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ARCHITECTURAL DRAWING REF
DWG NAME: (2D) MASTERPLAN - Internals.dwg
DATE: 09/04/2026

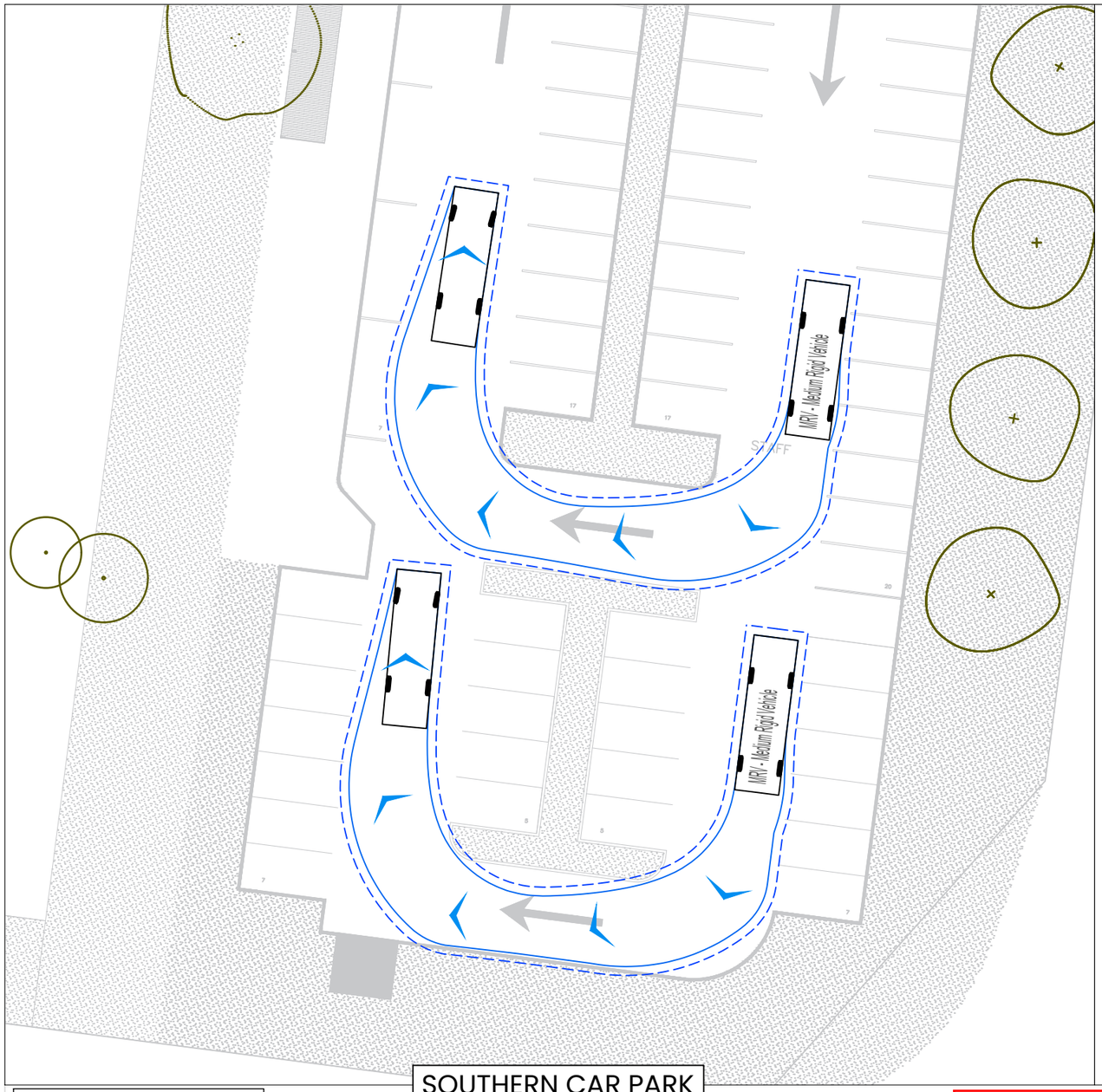
NEARMAP IMAGE
DATE: N/A

REV	DESCRIPTION	DWN	CHK	DATE
A	Swept Path Assessment	JT	KD	15/04/26

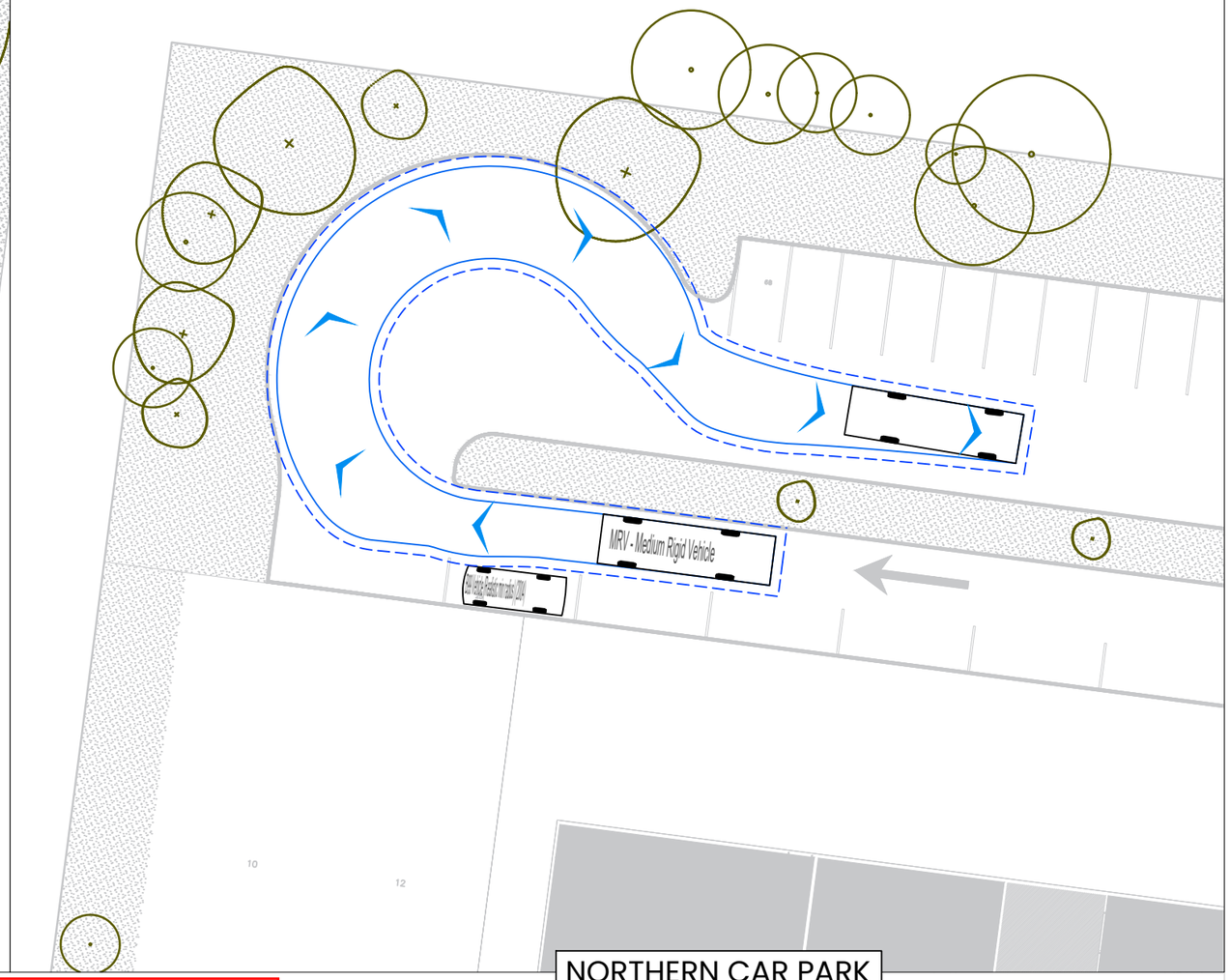
CLIENT
Christian Education Ministries
Suite 304, 200 The Central Coast Hwy
Erina NSW, 2250 Australia

1:300 @ A3
0 1 2 5m

PROJECT NO. P0063738
DATE 15/04/26
SHEET NO. 07 OF 09
REVISION A



SOUTHERN CAR PARK



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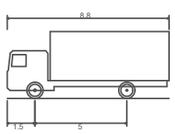

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Track Width	2.500m
Lock-to-lock time	4.00s
Curb to Curb Turning Radius	10.000m

LEGEND

- 500 mm BODY CLEARANCE
- VEHICLE BODY - FORWARD
- VEHICLE BODY - REVERSE

SPEED = 5 km/h

MASTER PLAN
8.8m MRV SITE CIRCULATION

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DATE: 09/04/2026

NEARMAP IMAGE
DATE: N/A

REV	DESCRIPTION	DWN	CHK	DATE
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1:300 @ A3
0 1 2 5m

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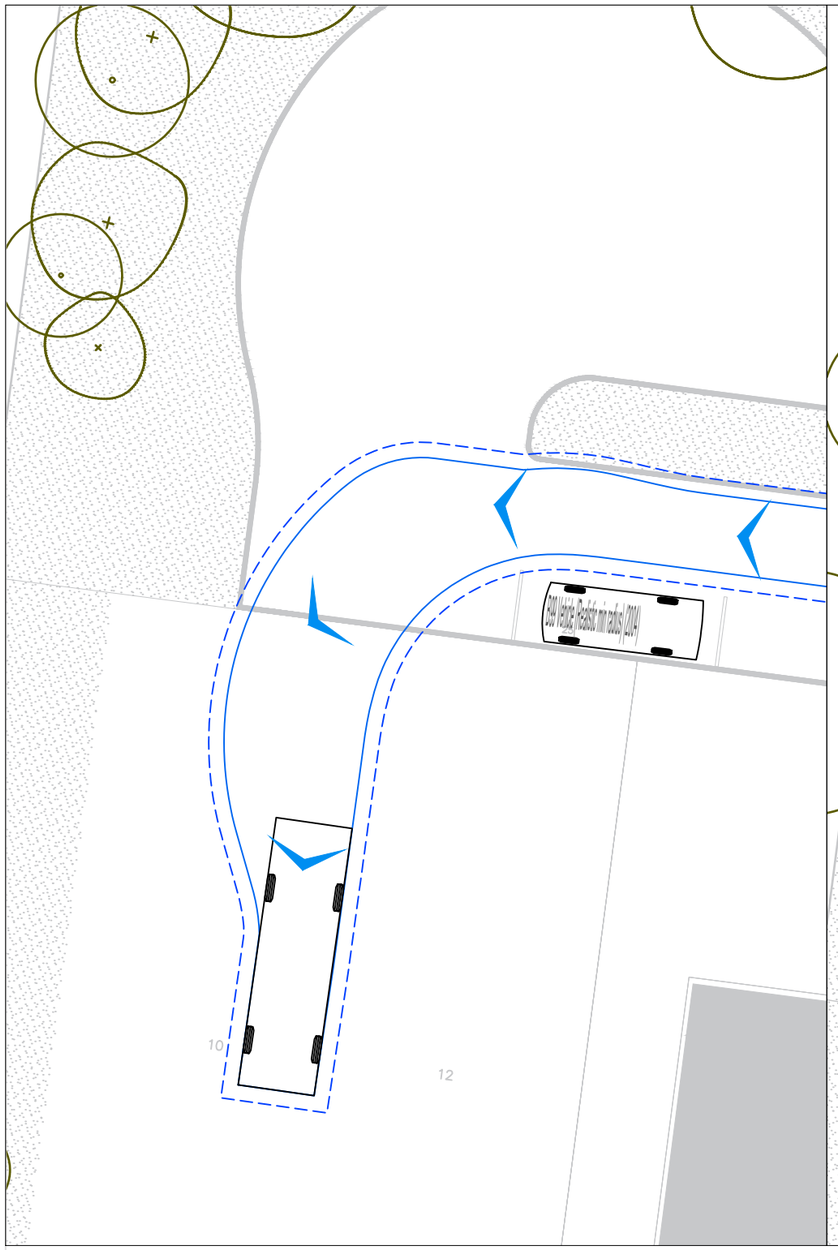

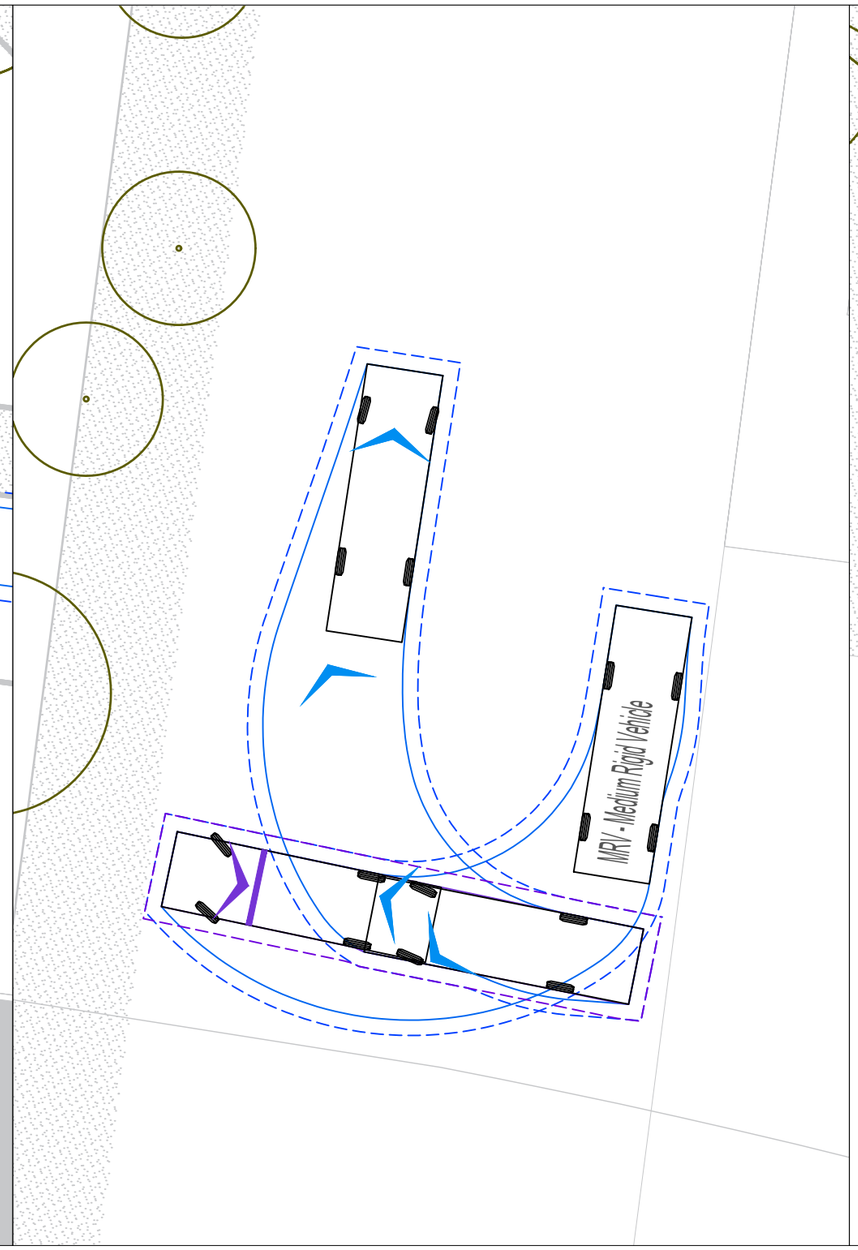

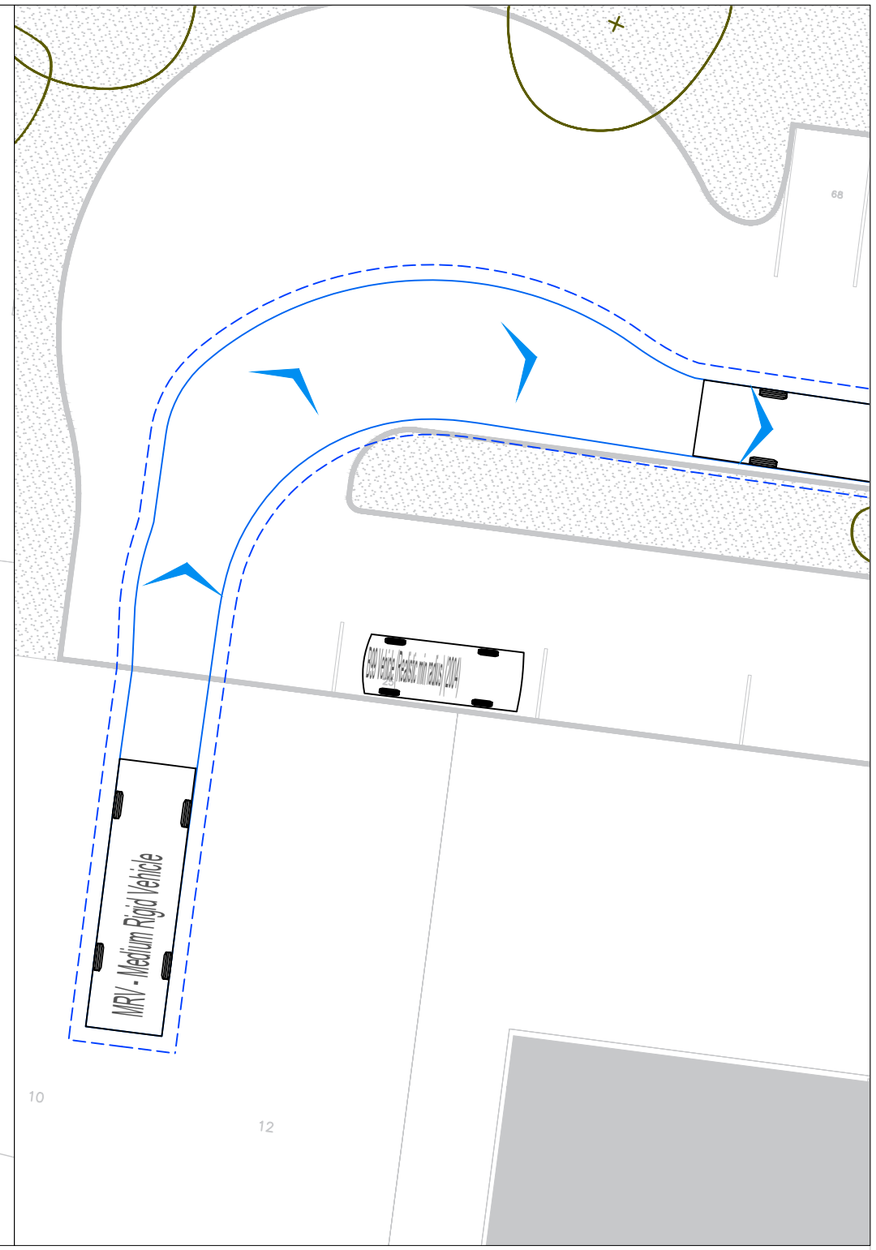

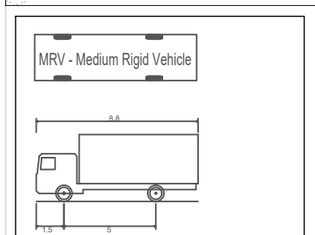

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Track Width	2.500m
Lock-to-lock time	4.00s
Curb to Curb Turning Radius	10.000m

LEGEND

- 500 mm BODY CLEARANCE
- VEHICLE BODY - FORWARD
- VEHICLE BODY - REVERSE

SPEED = 5 km/h

MASTER PLAN
8.8m MRV LONG TERM BUS PARKING AREA CIRCULATION

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DATE: 09/04/2026

NEARMAP IMAGE
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1:300 @ A3
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