

# Sustainable Design Report

## Proposed Class 9B Building

### Energy Efficiency and Sustainability

**Subject Property**

Lot 977 Nancarrow Way  
Ravenswood WA 6280

**Classes**

9B

**Council/Shire**

Shire of Murray

**NCC Climate Zone**

5

**Date**

26 February 2026

**Prepared by**

Laurens Schiebaan

**Client**

IQ Construction

**Contact**

Mr Dwayne Ballast

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0414 340 187

**Drawing ID/Date**

Rev 3 | 24.02.2026 | Drawn WM

**Ref**

26-033

## DISCLAIMER

This report is to be used together with the DA drawings as a basis for consultation and design development towards building license submission. Performance modelling and outcomes are to be updated in line with the final design and inclusions for this project.

## CONFIDENTIALITY

This report has been produced as an assessment for the purposes of design advice related to the energy efficiency and sustainability of the project. The information and documentation in this report is the property of GREENHIVE | eco.



## Index

Introduction	<b>4</b>
Design Particulars	<b>4</b>
Energy Efficiency	<b>5</b>
Water Efficiency	<b>6</b>
Water Heating	<b>7</b>
Health, Wellbeing and Amenity	<b>7</b>
Building Fabric	<b>8</b>
Embodied Energy	<b>10</b>
Transportation Considerations	<b>10</b>
Biodiversity	<b>11</b>
Conclusion	<b>11</b>
Appendix	
- Plan set	

## Introduction

GREENHIVE eco was engaged by IQ Construction to provide a Sustainable Design Report for the proposed Class 9B Childcare Centre at the above-mentioned address.

The general objective of this Sustainable Design Report is to support the Development Application by identifying and prescribing sustainable design elements. This review is based on experience and an understanding of various energy efficiency and sustainability elements. This assessment is based on DA drawing set dated 21.01.2026 by IQ Construction as attached to this report.

The NCC 2022 energy requirements aim to reduce greenhouse gas emissions of the built environment. A building, and its services, is required to use energy efficiently so that the greenhouse gas emissions associated with its operation are minimised. This is subject to the intended use of the building and the necessary level of occupant comfort. For buildings that are air-conditioned, the amount of energy has also been quantified.

This is important, as energy consumption in a building is highly dependent on how the building is used. Energy efficiency cannot be assured simply by 'building-in' appropriate measures, as the building also needs to be operated, managed and maintained in an appropriate way. This also addresses the need for a low greenhouse gas intensity source or a renewable source of energy for the building's services.

This report considers sustainable elements in the design to ensure it exceed minimum standards and provides best practice outcomes. Achieving the as-built thermal performance of elements shall be the responsibility of the contractors.

GREENHIVE eco is not responsible for verifying the compliance or suitability of any individual product, system or construction.

## Design Particulars

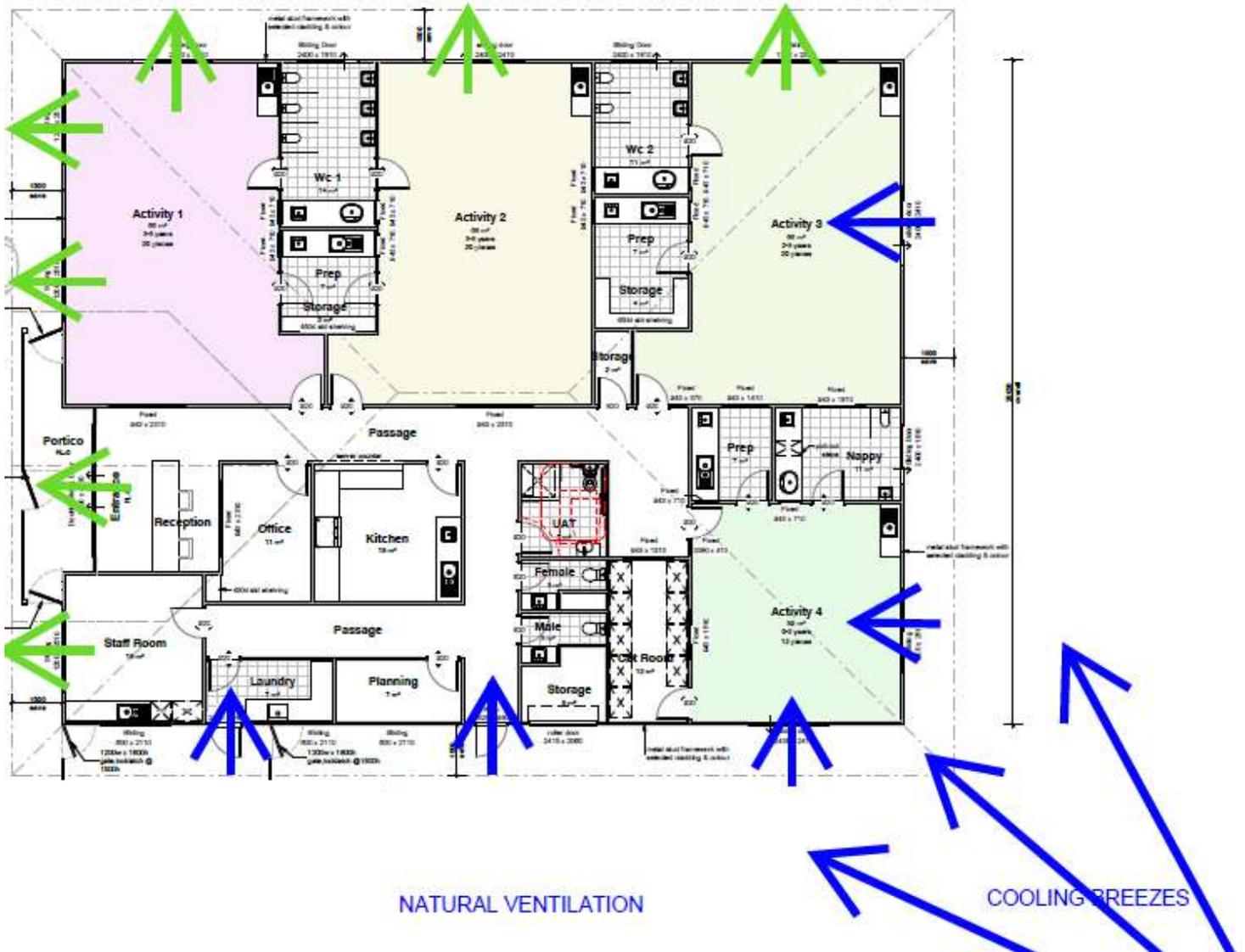
The proposed Building consists of 4 Activity spaces catering for a maximum of 72 children and associated utility and WC spaces and is located in Ravenswood, Western Australia. The applicable climate zone is Climate Zone 5 as defined by NCC2022.

The proposed Development has been classified as a commercial Class 9B building.

## Energy Efficiency

To reduce Greenhouse Gas Emissions a number of initiatives are being employed in the form of 1) Renewable Technology; 2) Energy Efficiency measures in the building; 3) Passive Sustainable Design; and 4) reduction in embodied energy.

- 1) **ENERGY EFFICIENCY MEASURES.** Effective levels of insulation, LED lighting, efficient hot water and water fixtures, and efficient heating and cooling form part of the design. Please see further details below.
- 2) **PASSIVE SUSTAINABLE DESIGN.** High levels of daylight have been incorporated in the design, especially to Activity areas. High levels of natural ventilation throughout the building will assist with natural cooling and provide a lower reliance on air conditioning. The eave over hangs assist in keeping the building cooler when the sun is higher in the sky. While in winter, when the sun is lower, the building will benefit from passive warming, especially to the northern elevation. The building fabric uses high levels of thermal mass to provide stable interior temps, specifically the slab on ground, which is further stabilised by the surrounding soil and accessed via suitable floor coverings that minimise insulating the slab from the spaces. This is done most effectively with tiles and a thin vinyl product.
- 3) **EMBODIED ENERGY.** Reduction in embodied energy relating to the production and transportation of materials. Using light materials to the exterior and interior of the building as well as using steel framing, together with effective design that sees this building last beyond the normal lifecycle of a typical building, sees an overall reduction in embodied energy.



## Water Efficiency

All water fixtures are to be WELS rated as per below table.

FIXTURE	WELS RATING
Tapware	5 Stars
Water Closets	4 Stars
Shower heads	3 Stars

Waterwise irrigation will be installed as part of a water saving initiative.

## Water Heating

As per the proposed plan, the project proposes to adopt a pragmatic, low-energy domestic hot water strategy by using a high-efficiency gas hot water unit for the primary demand, with a small under bench electric Rinnai Hotflo serving the service kitchen only where local, quick delivery of hot water is required.

This approach reduces overall energy use by avoiding long hot-water pipe runs, minimising heat losses and wasted water while users wait for hot water, and limiting electric storage heating to a small, point-of-use application rather than a whole-building system. Together with water-efficient fixtures, the arrangement supports lower greenhouse gas emissions and improved operational efficiency by matching the energy source and system size to the actual usage profile and providing reliable hot water with reduced distribution losses.

## Health, Wellbeing and Amenity

The childcare facility will incorporate health, wellbeing and amenity-focused ESD measures that support a safe and comfortable indoor environment. Good indoor air quality is promoted through compliant ventilation and exhaust to wet areas, together with low-VOC finishes to minimise indoor pollutants.

Thermal and visual comfort are enhanced through insulation and passive design measures such as shading/extended eaves and appropriate glazing to reduce glare and overheating, helping to limit reliance on mechanical conditioning. Amenity is further supported through acoustic considerations, durable easy-clean finishes to support hygiene, and water-efficient fixtures that reduce potable water use while maintaining suitable sanitary outcomes.



## Building Fabric

To achieve over and above the required energy efficiency outcomes, the following specifications are required in order to provide good levels of efficiency and thermal comfort.

### Roof

Colorbond Steel – Surfmist  
Anticon 60 under sheeting

### External walls

90mm steel studs, R0.2 thermal break, R2.5 batts, fibre cement cladding (Axon & Stria)

### Internal walls

R2.0 sound batts

### Ceilings

R4.0 Bulk insulation to all roof space ceilings

### Floors

Slab on Ground  
Vinyl floor coverings recommended

### Sealing

All exhaust fans are sealed  
All downlights are sealed LED

### Windows

6mm Low-E toughened glass

### Shading

1500 mm deep eave all around

### Appliances

Induction Cooktop  
Heat Pump Hot water System  
Rinnai Hotflo underbench HWS for Kitchen

### Other

Provision for EV charging  
Provision for Solar PV



## Embodied energy

As per plan and specifications, steel framing (wall studs and roof trusses) is the key high-recycled-content opportunity in this design. Electric-arc-furnace steelmaking relies largely on scrap and typically contains ~85%+ post-consumer scrap, and overall steel recovery/recycling rates are reported as very high. Steel is also 100% recyclable at end of life, supporting circularity. The average embodied energy of recycled steel ~9.8 MJ/kg, compared with galvanised steel ~38 MJ/kg, highlighting the benefit of prioritising verified recycled-content steel where possible.

## Transportation Considerations

### **PUBLIC TRANSPORT**

Bus routes 600, 604 and 605 service the Ravenswood/South Yunderup area, with stops available along Pinjarra Road near Nancarrow Way providing public transport access to and from the site. These services provide connections through to Mandurah Station, which is located in Mandurah (approximately ~12 km from the site) and links the precinct to the wider Transperth rail network via the Mandurah Line with direct access to Perth.

### **CYCLING**

The local transport network supports cycling access to the site through an established network of bicycle friendly roads. This network provides practical local connections around Ravenswood and the Pinjarra Road corridor. Furthermore, End Of Trip facilities are provided as part of this development, utilising the UAT facility as per the plans. Secure wall mount bicycle racks are provided to the carpark.

### **ELECTRIC VEHICLE PROVISIONS**

The design will include provision for electric vehicle charging. Conduits and an EV distribution board will be installed to cater for the charging of EV's.

## Biodiversity

Currently, Lot 977 Nancarrow Way Ravenswood WA 6280 is vacant land. The development will dramatically improve the environment as per the landscape plan. The landscaping design provides a green zone around the building which will incorporate play areas. Planting will consist of native and climate resilient varieties. Once landscaped, this will bring a very welcome green zone to this residential area.

Additional trees will provide further shading with thought given to water use and climate resilience. These will be planted around the edge of the carpark to provide welcome shading.

## Conclusion

The proposed building design optimises the sustainability of the built environment delivering positive environmental and economic outcomes. Embodied energy savings are also afforded by utilising recycled steel for the framed construction.

Suitable provisions for waste bins have also been provided

Passive environmental design measures are used, responding to local climate and site conditions by providing optimal orientation, shading, thermal performance and natural ventilation, thus reducing the reliance on technology for heating and cooling and minimising energy costs. Water saving measures have been addressed with the use of water saving landscape design.

With the sustainable and renewable initiatives outlined in this report, this development, will achieve positive environmental outcomes, driven by both passive and active energy efficiencies providing best practice for optimised results. The design allows for a reduction in reliance on grid power and resources, reducing Co<sup>2</sup> emissions, while providing a comfortable and healthy environment for its occupants.

Signed:



Laurens Schiebaan  
Energy Consultant

Date: 26 February 2026



## SHEET LIST

	Sheet Name	Stage	By	Date	Rev	Description	Rev Date	Revised By
P 000	Cover Sheet	PLANNING	WM	02 Dec. '25	3	Planning	24 Feb. '26	WM
P 100	Existing Site Plan	PLANNING	WM	02 Dec. '25	3	Planning	24 Feb. '26	WM
P 101	Proposed Site Plan	PLANNING	WM	02 Dec. '25	3	Planning	24 Feb. '26	WM
P 103	Proposed Parking Layout	PLANNING	WM	02 Dec. '25	3	Planning	24 Feb. '26	WM
P 104	Proposed Landscaping	PLANNING	WM	02 Dec. '25	3	Planning	24 Feb. '26	WM
P 105	Stormwater Plan	PLANNING	WM	02 Dec. '25	3	Planning	24 Feb. '26	WM
P 200	Ground Floor	PLANNING	WM	02 Dec. '25	3	Planning	24 Feb. '26	WM
P 300	Elevations	PLANNING	WM	02 Dec. '25	3	Planning	24 Feb. '26	WM
P 301	Fencing Elevations	PLANNING	WM	02 Dec. '25	3	Planning	24 Feb. '26	WM
P 400	Sections	PLANNING	WM	02 Dec. '25	3	Planning	24 Feb. '26	WM

Total Sheets: 10



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### NOTES

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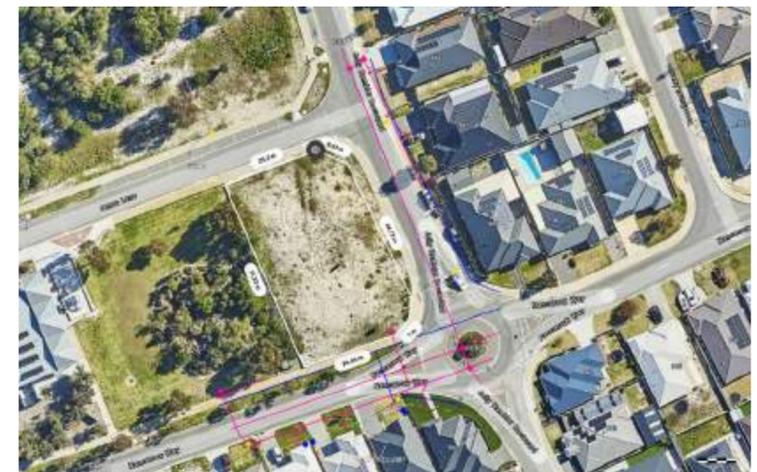
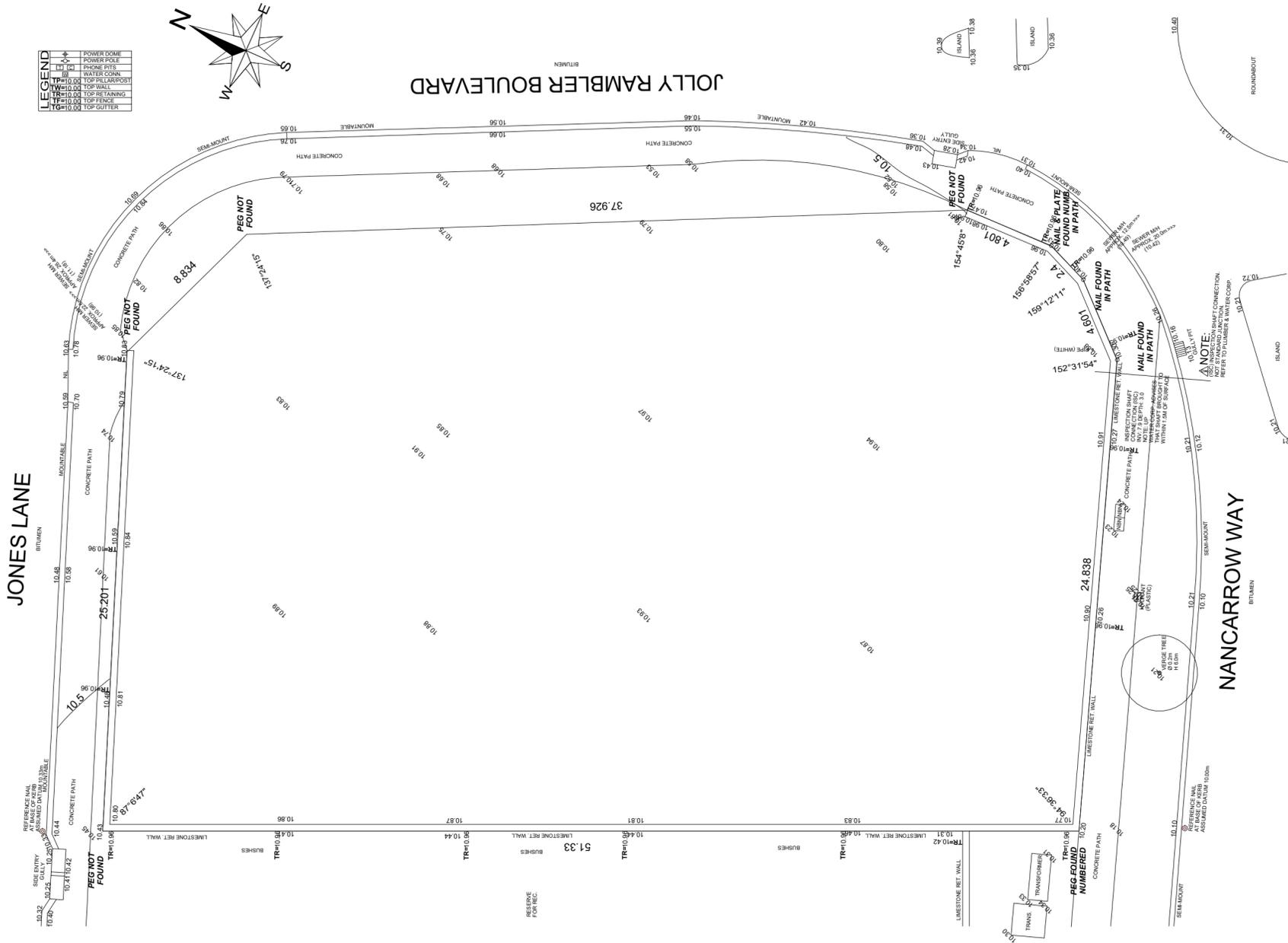
BUILDER	DATE
CLIENT 1	DATE
CLIENT 2	DATE

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REV	DATE	DESCRIPTION	BY	CHK
3	24 Feb. '26	Planning	WM	DB
2	04 Dec. '25	Concept	WM	
1	02 Dec. '25	Concept	WM	

CLIENT		Ravenswood Childcare	
ADDRESS		Lot 977 Nancarrow Way, Ravenswood	
DRAWING		Cover Sheet	PROJECT NO. 1609
PAPER SIZE	A3	DRAWN	WM
CHECK	SV	DATE	02 Dec. '25
PROJECT STAGE	PLANNING	SCALE	1:100
DRAWING NO. rev 3		P 000	

Existing Site Plan  
1 : 200



BUILDER	-----	DATE	-----
CLIENT 1	-----	DATE	-----
CLIENT 2	-----	DATE	-----

REV	DATE	DESCRIPTION	BY	CHK
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**CLIENT**  
Ravenswood Childcare  
**ADDRESS**  
Lot 977 Nancarrow Way, Ravenswood

<b>DRAWING</b> Existing Site Plan	<b>PAPER SIZE</b> A2
<b>PROJECT NO.</b> 1609	<b>DRAWN</b> WM
<b>PROJECT STAGE</b> PLANNING	<b>CHECK</b> SV
<b>SCALE</b> 1:200	<b>DATE</b> 02 Dec. '25
<b>DRAWING NO.</b> rev 3	<b>P100</b>

Parking Schedule		
Type	Qty.	Description
5400 x 2400 (WheelStop) Staff Bay	9	Standard Carpark Bay
5400 x 2400 (Without Wheelstop) Staff Bay	1	Standard Carpark Bay
5400 x 2600 (WheelStop) Visitor Bay	8	Standard Carpark Bay

18

### BUILDER'S NOTES

- Builder to check all dimensions prior to commencing construction. Do not scale drawings.
- All site dimensions dependant on original and future surveys.
- These drawings are to be read in conjunction with all structural engineering drawings.
- All external steelwork including lintels and post stirrups to be hot dipped galvanised.
- All external fixings to be galvanised.
- All steel strutting beam sizes are nominal only and are to be checked by builder before construction.
- Select brickwork with selected external render where specified externally.
- Timber studwork construction with select cladding externally.
- All timber sizes not indicated shall comply with the light timber framing code AS 1684.
- All roof framing to Australian Standards, including tie down bolts and triple grips.
- All strutting beam sizes and locations are nominal only and to be confirmed by builder prior to commencing.
- Termitic treatment to local authority requirements and NCC Part 3.1.3, Part 2.1.1 and Part 1.0.7.
- Builder to liaise with plumbing contractor on site regarding all plumbing fixtures and fittings.
- All non-standard windows where indicated on drawings to comply with Australian Standards.
- All scaffolding to comply with the occupational health, safety and welfare act.
- Electric hot water system to manufacturer's requirements.
- Electric cooktop to manufacturer's requirements.
- Electric oven to manufacturer's requirements.

### ENERGY RATING

- Climate zone 5, as per Building Codes of Australia
- No floor insulation required for zone 5 areas.
- Select ceiling insulation to house and attached garage.
- All tap fittings other than bath outlets and garden taps to be a minimum 4 star WELS rated.
- All shower heads to be minimum 3 star WELS rated.
- All internal hot water outlets (taps, showers, washing machine water supplies) to be connected to a hot water system or to a recirculating hot water system with pipes installed and insulated in accordance with AS/NZ 3500:2003, plumbing and drainage, part 4 heated water service.
- Pipework from the hot water system or recirculating hot water system to the furthest hot water outlet must not exceed 20 metres in length or 2 litres of internal volume.
- All sanitary flushing systems to be a minimum 4 star rated dual flush systems.

### BAL 29

#### Description of predicted bushfire attack & levels of exposure

Increasing levels of ember attack & burning debris ignited by wind borne embers together with increasing heat flux between 19 and 29kW/m<sup>2</sup>

#### Floors & Subfloor Supports

- Concrete slab on ground, enclosure by external wall, metal mesh as above or
- Flooring less than 400mm above ground level to be non-combustible, naturally fire resistant timber or protected on the underside with sarking or mineral wool insulation
- Subfloor supports to be enclosed by external walls or steel, bronze or aluminium mesh or be of non-combustible supports
- Where subfloor is unenclosed, naturally fire resistant timber or non-combustible bearers & joists if closer than 400mm to ground. If over 400mm from ground non construction requirements

#### Walls & Cladding

- All external walls & cladding to be made from non-combustible materials, cavity brick, concrete, mud brick, stone, fibre cement panels min 9mm thin, steel cladding
- Timber framed, steel framed walls sarked on outside and clad with 6mm fibre cement sheeting, steel sheeting, naturally bushfire resistant timber or timber logs of 680kg/m<sup>3</sup> or greater o/a thickness 90mm
- All weep holes to be protected by weep hole screens complying with AS3959:2018

#### Roofs

- Cladding material to be non-combustible
- Gaps and joints sealed to 2mm maximum
- Openings and vents fitted with ember guards
- Fully sarked on top of rafters if tiled, on top of battens if metal
- Verandahs must comply with above, unless separated from main roof space by wall
- Gutters made from non-combustible materials, gutters and openings protected with non-combustible ember guards as per AS 3959-2018

#### Fascia, Barge & Eave Lining

- All material or system to comply with AS1530.8.1 See eave details
- Fibre cement lining min 6mm
- Eaves ventilation openings max 3 mm shall be fitted with non-combustible ember guards, mesh or perforated sheet with max aperture of 2 mm
- Joints in eaves linings, fascias & gables may be sealed with plastic joining strips or timber moulds

#### Anticon, Insulation & Infill strips

- Insulation & anticon required in roof and ceiling space as per AS 1530.1
- All insulation and anticon to be made from non-combustible fibres
- Infill strips required on steel roofing under cappings and flashings to seal any opening - infill strips to conform to bushfire standards AS 1530.1 (BAL FZ)

#### Decking (if applicable)

- Decking to be made of non-combustible material and should not be spaced
- Decking support either be non-combustible (steel or concrete) or be fully enclosed
- Gaps greater than 3mm in decking should be protected by corrosion resistant steel mesh with apertures less than 2mm

#### Windows

- Bushfire shutters cab be used
- All glazing shall be 5mm toughened
- Openable portion screened and frame of metal or metal reinforced PVC-U, or bushfire resisting timber and portion within 400mm of ground level to be screened

#### Doors

- Metal framed glazed
- Non-combustible or 35 mm solid timber
- Protected externally with metal screens with maximum aperture of 2mm
- All glass within 400mm of ground to be screen externally with metal screen max 2mm aperture
- External hardware shall be metal
- Glazing shall be 6mm toughened
- Frame to be compliant timber or metal
- Weather strips or seal to base
- Tight fitting
- If screened, bushfire compliant
- Garage door shall be sealed

#### Skylights & Ventilators

- Any glazed penetrations in roof must have a FRL of (-/30/-) and where roof pitch is less than 18° glazed penetrations must be protected by ember proof metal screens
- No roof mounted evaporative coolers allowed
- Any ventilator to comply with BAL40 requirements

#### Gables

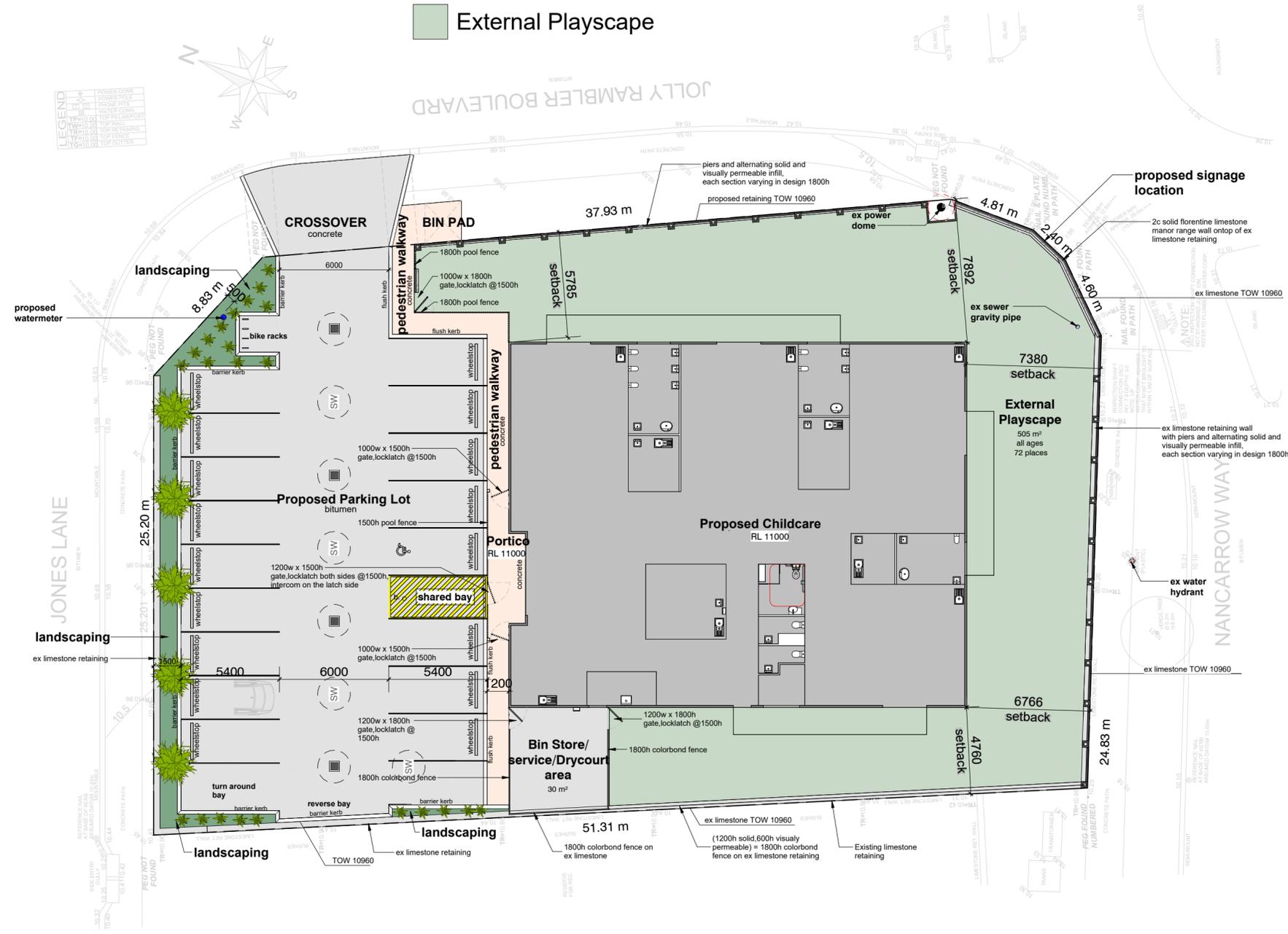
- Non-combustible; or 9mm fibre cement, compliant timber
- Gaps and joints sealed to 2mm maximum

#### Pipes

- Exposed water and gas pipes shall be metal
- Buried pipes no less than 30mm below ground

#### Screens

- All bushfire screens must be metal (steel or bronze) and prevent gaps greater than 2mm



Proposed Site Plan

1 : 200

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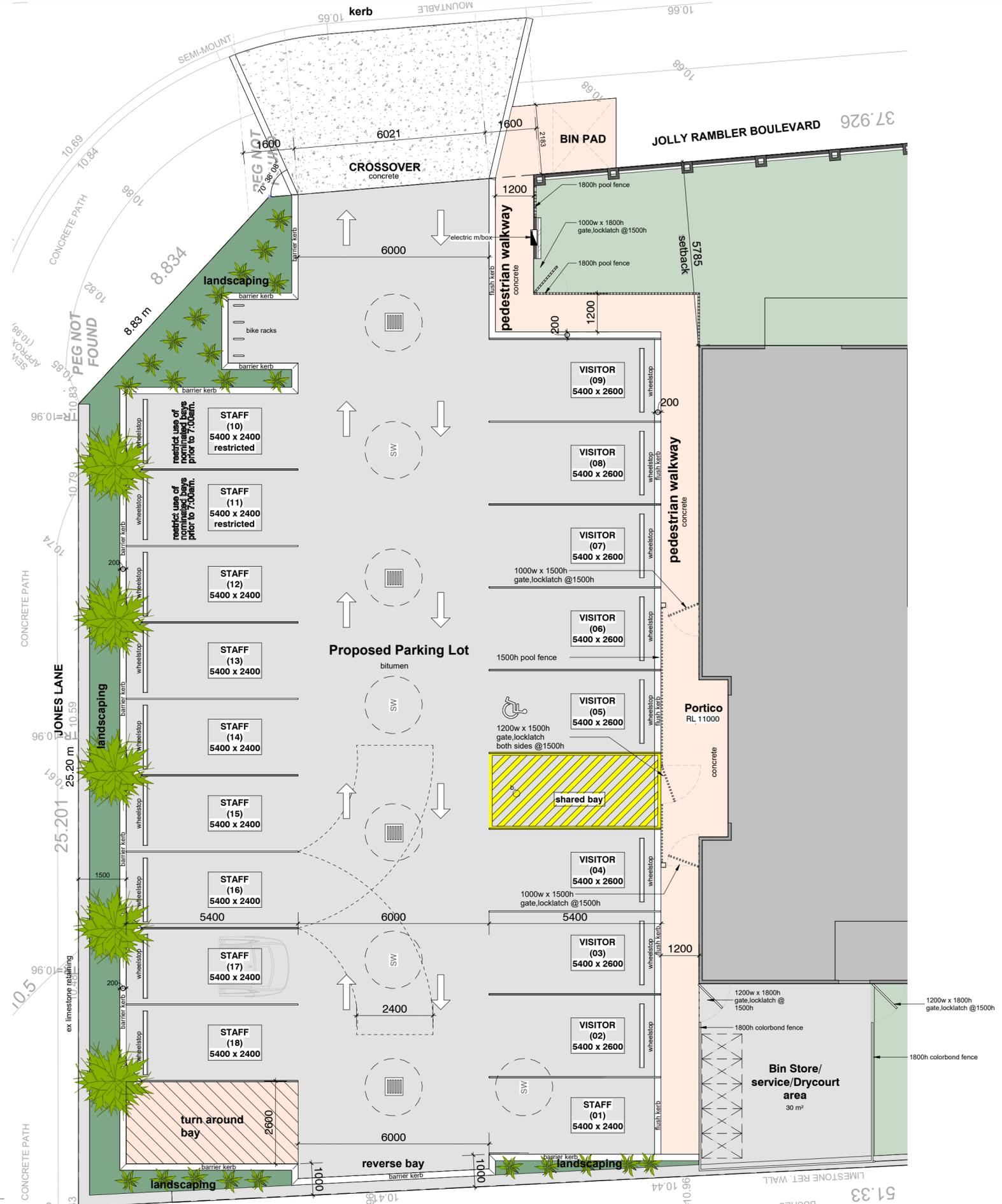
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3	24 Feb. '26	Planning	WM	DB
2	04 Dec. '25	Concept	WM	DB
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CLIENT  
**Ravenswood Childcare**  
 ADDRESS  
**Lot 977 Nancarrow Way, Ravenswood**

DRAWING  
**Proposed Site Plan**  
 PROJECT NO. **1609**  
 PROJECT STAGE **PLANNING**  
 DRAWN **WM** CHECK **SV**  
 SCALE **1:200**  
 PAPER SIZE **A2**  
 DATE **02 Dec. '25**  
 DRAWING NO. **rev 3**  
**P101**

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Type	Qty.	Description
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Proposed Parking Layout  
1:100

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DRAWING  
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 PROJECT NO. 1609  
 PROJECT STAGE: PLANNING  
 DRAWN: WM  
 CHECK: SV  
 SCALE: 1:100  
 DATE: 02 Dec. '25  
 DRAWING NO.: rev 3  
**P103**

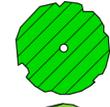
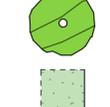
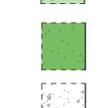
PAPER SIZE  
**A2**

**PLANTING SCHEDULE**

SYMBOL	SPECIES	COMMON NAME	QTY	SIZE	OTHER INFO
<b>TREES:</b>					
AF	Agonis flexuosa	WA Peppermint, Willow Myrtle	5	to 10m	[Bird Attracting] [Insect Attracting] [Suitable for Fence Screening/Windbreaks]
<b>SHRUBS &amp; GROUNDCOVERS</b>					
HIBhue	Hibbertia huegelii	Yellow Buttercups	45	0.2 - 1m	[Low Flammability] [Dieback Resistant] [Suitable for verges Attracting]
ASsco	Astartea scoparia	Common Astartea	45	1.8m	[Low Flammability] [Dieback Resistant] [Suitable for verges Attracting]
GRves	Grevillea vestita		35	0.5 - 3m	[Low Flammability] [Dieback Resistant] [Suitable for verges Attracting]
MEhue	Melaleuca huegelii	Chenille Honey Myrtle	13	0.5 - 5m	[Low Flammability] [Dieback Resistant] [Suitable for verges Attracting]

**KEY**

[Bird icon]	Bird Attracting - Attract and provide habitat for birds
[Butterfly icon]	Insect Attracting - Attract butterflies, bees or insects
[Fence icon]	Suitable for Fence Screening/Windbreaks
[Flame icon]	Low Flammability - Leaves of these plants have a higher water content and lower oil content than other species. They catch fire slowly, burn slow and produce low flames.
[Umbrella icon]	Dieback Resistant - Known to be unaffected by the presence of Phytophthora dieback
[Scissors icon]	Suitable for verges Attracting - Some may require pruning to maintain

-  **LARGE TREE**
-  **MEDIUM TREE**
-  **SMALL TREE**
-  **SHRUBS & GROUND COVERS**
-  **PLAYSCAPE**
-  **EXPOSED AGGREGATE & CONCRETE FLOOR FINISH OR SIMILAR**



**Agonis flexuosa**



**Hibbertia huegelii**



**Melaleuca huegelii**



**Astartea scoparia**

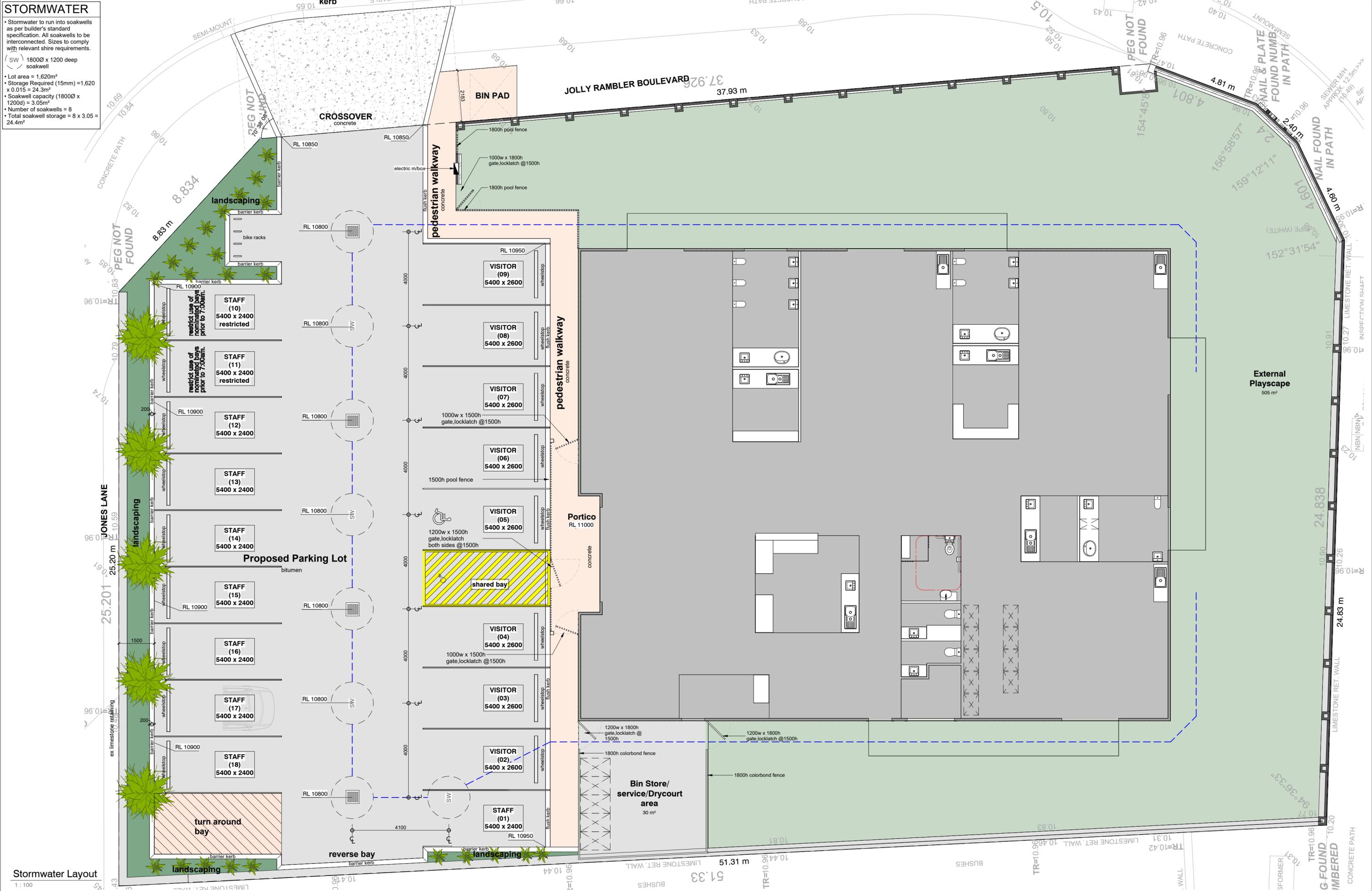


**Grevillea vestita**



**STORMWATER**

- Stormwater to run into soakwells as per builder's standard specification. All soakwells to be interconnected. Sizes to comply with relevant shire requirements.
- (SW) 1800Ø x 1200 deep soakwell
- Lot area = 1,620m<sup>2</sup>
- Storage Required (15mm) = 1,620 x 0.015 = 24.3m<sup>3</sup>
- Soakwell capacity (1800Ø x 1200d) = 3.05m<sup>3</sup>
- Number of soakwells = 8
- Total soakwell storage = 8 x 3.05 = 24.4m<sup>3</sup>



Stormwater Layout

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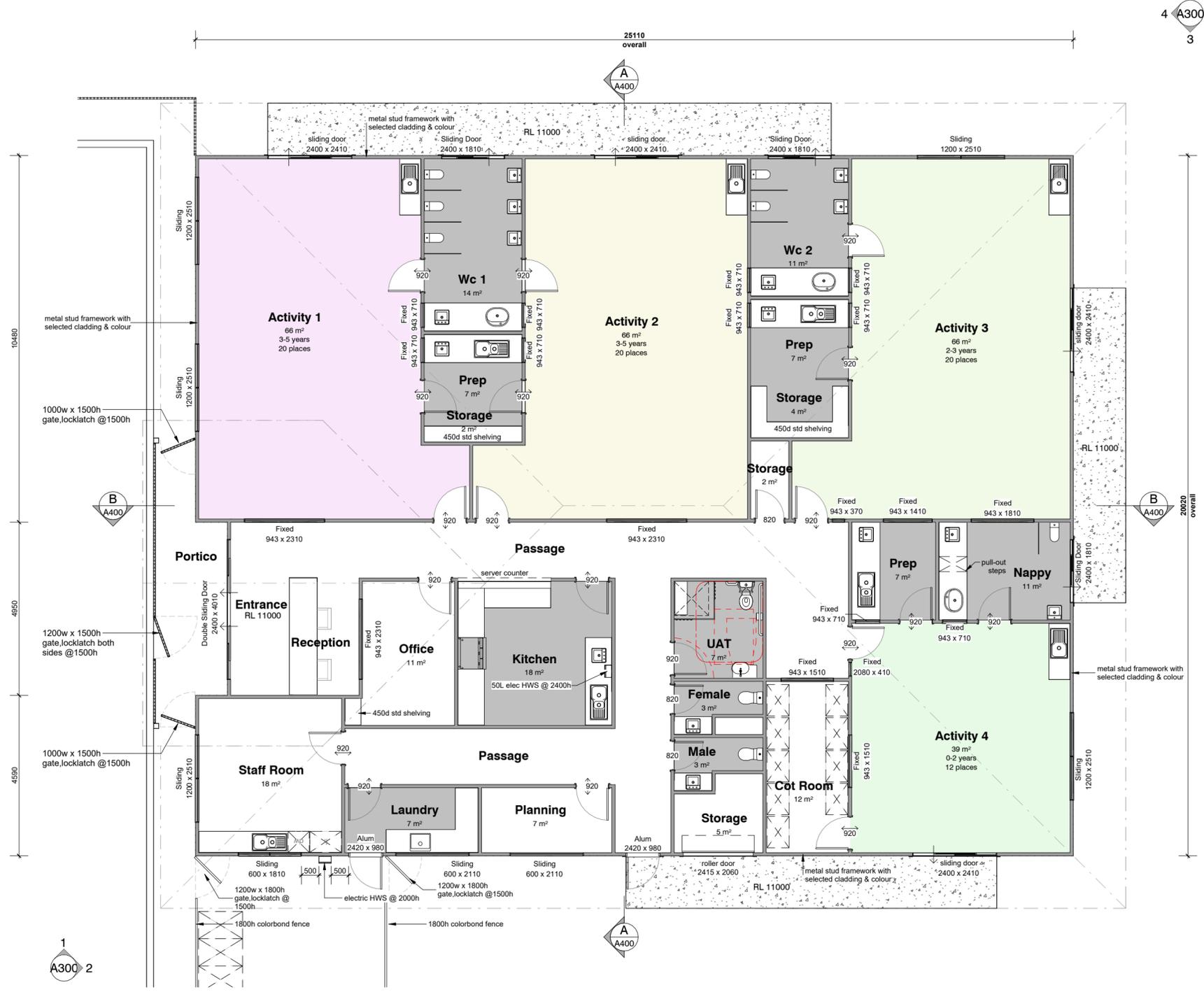
CLIENT  
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DRAWING  
**Stormwater Plan**  
 PROJECT NO. 1609  
 PROJECT STAGE: PLANNING  
 DRAWN: WM  
 CHECK: SV  
 SCALE: 1:100  
 DATE: 02 Dec. '25  
 DRAWING NO. rev 3  
**P105**

PAPER SIZE: **A2**  
 FORMER G-FOUND IMBERED  
 CONCRETE PATH

AREAS	
Childcare centre	489.9 m <sup>2</sup>
TOTAL	489.9 m <sup>2</sup>

ROOM CALCULATIONS				
Room	Ages	Size	Children	
Activity 1	3-5	66 m <sup>2</sup>	20	
Activity 2	3-5	66 m <sup>2</sup>	20	
Activity 3	2-3	66 m <sup>2</sup>	20	
Activity 4	0-2	39 m <sup>2</sup>	12	
		237 m <sup>2</sup>	72	



- Activity 1
- Activity 2
- Activity 3
- Activity 4

- structural column to eng. spec
- hatch indicates internal raking ceiling extent
- hatch indicates ext raking ceiling extent
- hatch indicates varied ceiling height
- roof beams to eng. details

**BUILDER'S NOTES**

1 • Mechanically vent to outside  
sd • Smoke Detector alarm to be installed in accordance to BCA requirements  
dp • Down Pipe location, nominal only, down pipe and gutter to comply to BCA requirements  
td • Tie Down, refer to engineer's drawings for specifications  
l/o • Lift Off hinge door frame to sanitary compartments BCA requirements

**Floor Plan**  
1 : 100

**4 Browning Road**  
**Armadale WA 6112**  
**Phone: (08) 9399 6715**  
**Fax: (08) 9399 8564**  
**admin@iqconstruction.com.au**

BUILDER	-----	DATE	-----
CLIENT 1	-----	DATE	-----
CLIENT 2	-----	DATE	-----

REV	DATE	DESCRIPTION	BY	CHK
3	24 Feb. '26	Planning	WM	DB
2	04 Dec. '25	Concept	WM	
1	02 Dec. '25	Concept	WM	

**NOTES**  
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**CLIENT**  
**Ravenswood Childcare**  
**ADDRESS**  
**Lot 977 Nancarrow Way, Ravenswood**

<b>DRAWING</b>	<b>Ground Floor</b>			<b>PAPER SIZE</b>	<b>A2</b>
<b>PROJECT NO</b>	<b>1609</b>	<b>DRAWN</b>	<b>WM</b>	<b>CHECK</b>	<b>SV</b>
<b>PROJECT STAGE</b>	<b>PLANNING</b>	<b>SCALE</b>	<b>1:100</b>		<b>DATE</b>
					<b>02 Dec. '25</b>
					<b>DRAWING NO.</b>
					<b>rev 3</b>
					<b>P200</b>

**INSULATION NOTES**

**External Walls:**

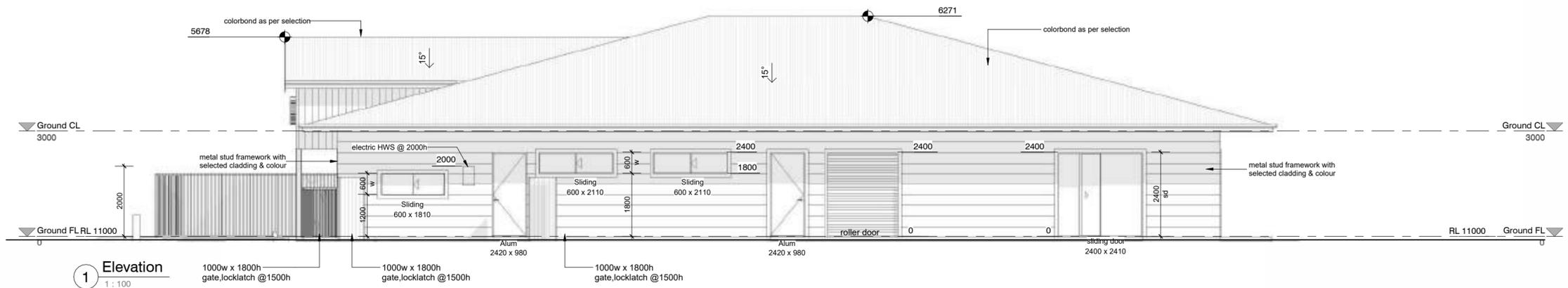
• Metal stud construction

**Roof:**

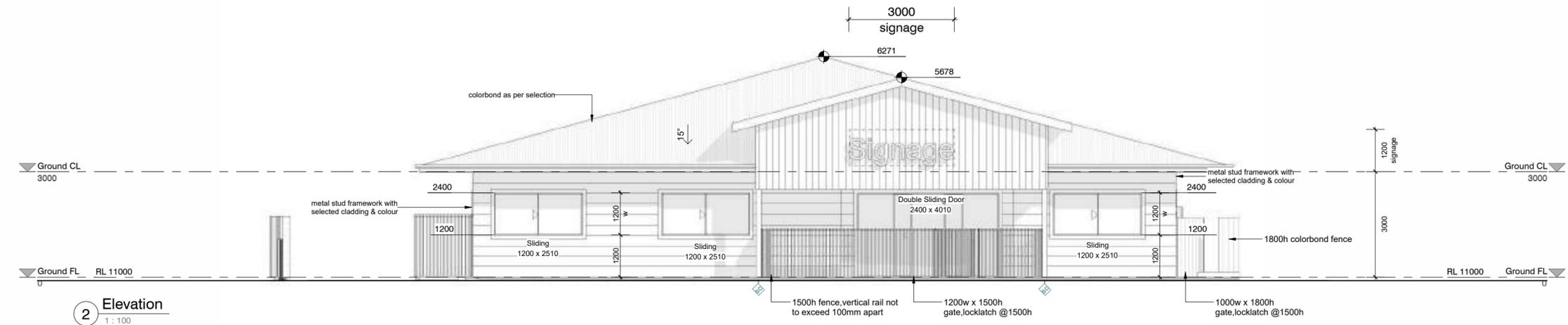
- 60mm Anticon insulation to roof space
- R4.0 Bulk insulation to ceilings

**External Wall:**

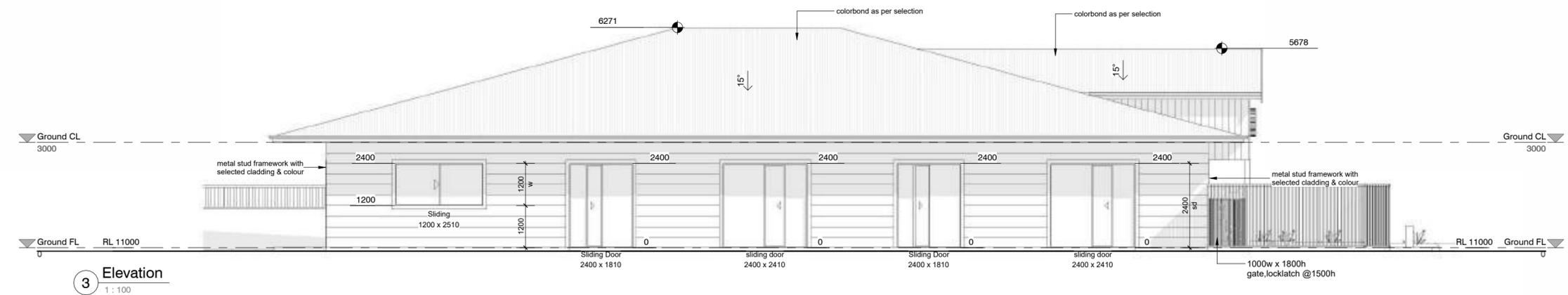
- Sisalation
- Insulation R2.5 Batts HD



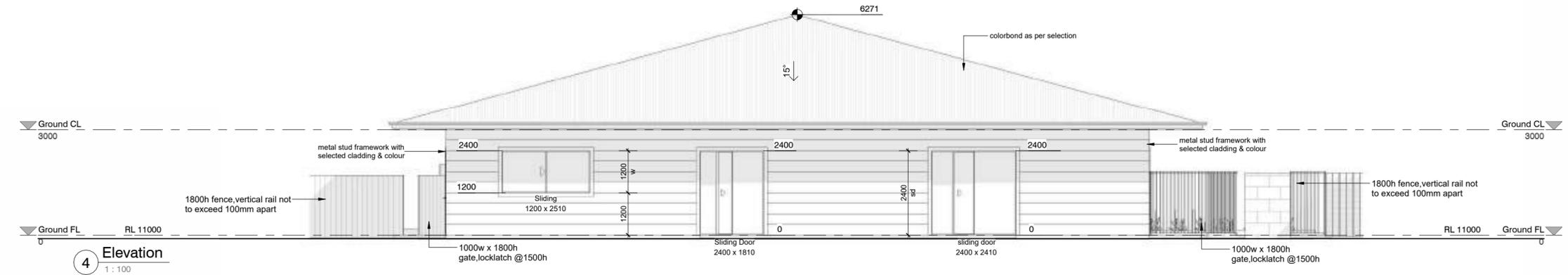
**1 Elevation**  
1 : 100



**2 Elevation**  
1 : 100



**3 Elevation**  
1 : 100



**4 Elevation**  
1 : 100

BUILDER	DATE				
CLIENT 1	DATE				
CLIENT 2	DATE				

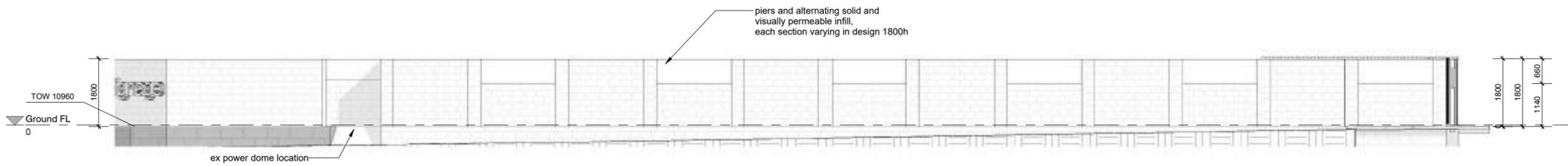
REV	DATE	DESCRIPTION	BY	CHK
3	24 Feb. '26	Planning	WM	DB
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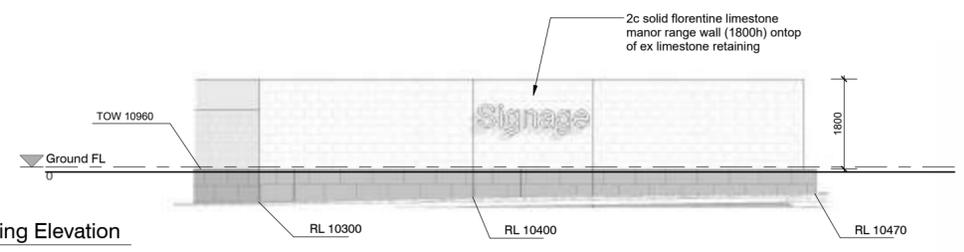
CLIENT  
**Ravenswood Childcare**  
ADDRESS  
**Lot 977 Nancarrow Way, Ravenswood**

DRAWING		<b>Elevations</b>		PAPER SIZE	<b>A2</b>
PROJECT NO	1609	DRAWN	WM	CHECK	SV
PROJECT STAGE	PLANNING	SCALE	1:100	DATE	02 Dec. '25
				DRAWING NO.	rev 3





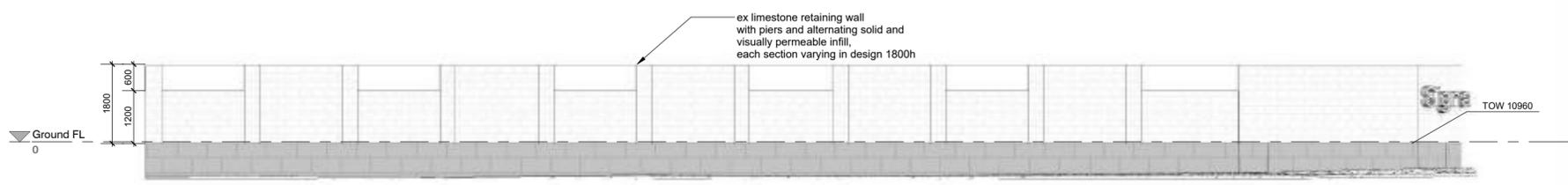
01 Fencing Elevation  
1 : 100



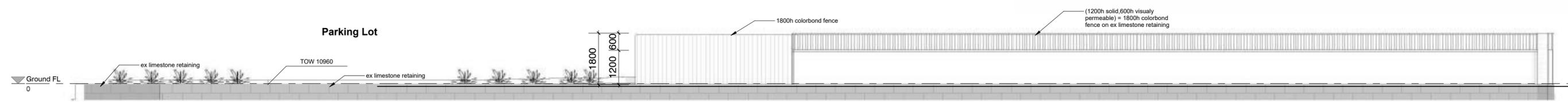
02 Fencing Elevation  
1 : 100



Proposed Fence Layout  
1 : 200



03 Fencing Elevation  
1 : 100



04 Fencing Elevation  
1 : 100

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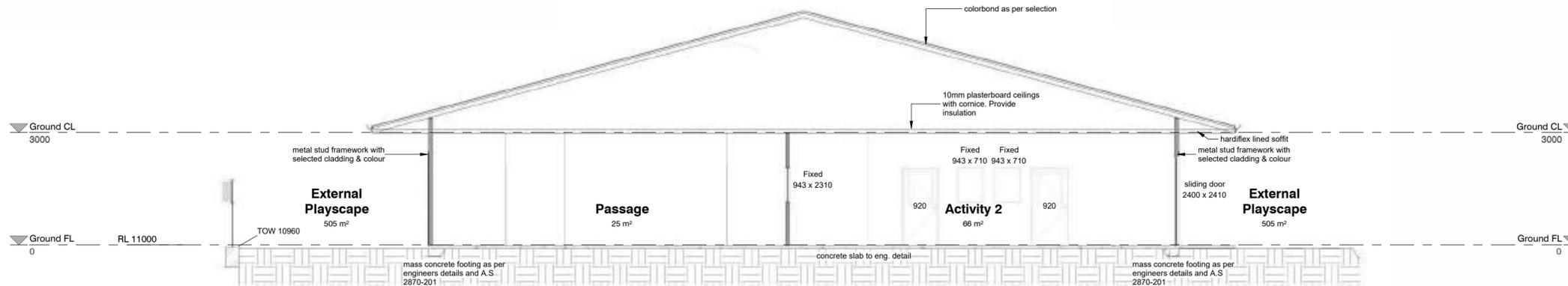
BUILDER	DATE
CLIENT 1	DATE
CLIENT 2	DATE

REV	DATE	DESCRIPTION	BY	CHK
3	24 Feb. '26	Planning	WM	DB
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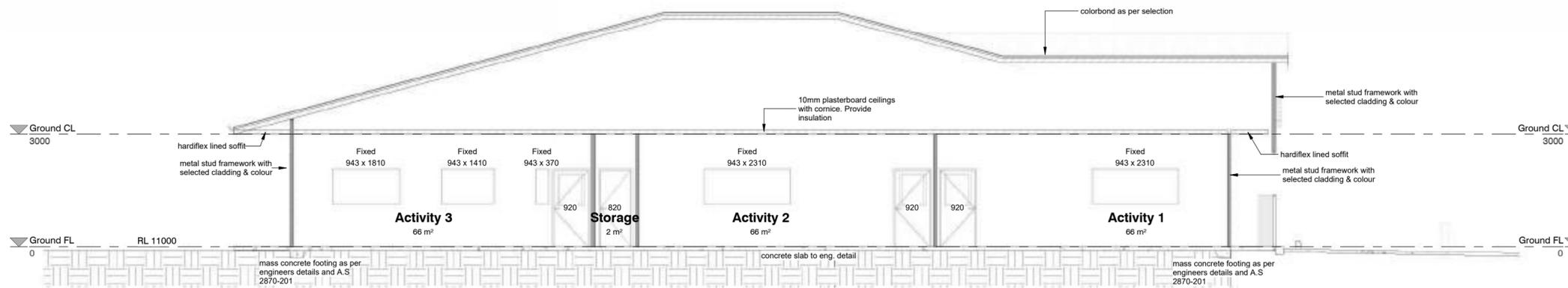
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DRAWING  
**Fencing Elevations**  
PROJECT NO. **1609**  
PROJECT STAGE **PLANNING**  
DRAWN **WM** CHECK **SV**  
SCALE **1:100**  
DATE **02 Dec. '25**  
DRAWING NO. **rev 3**  
PAPER SIZE **A2**  
**P301**



**A** Section  
1:100



**B** Section  
1:100

BUILDER	DATE				
CLIENT 1	DATE				
CLIENT 2	DATE				

REV	DATE	DESCRIPTION	BY	CHK
3	24 Feb. '26	Planning	WM	DB
2	04 Dec. '25	Concept	WM	
1	02 Dec. '25	Concept	WM	

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<b>DRAWING</b> Sections	<b>PAPER SIZE</b> A2
<b>PROJECT NO.</b> 1609	<b>DRAWN</b> WM
<b>CHECK</b> SV	<b>DATE</b> 02 Dec. '25
<b>PROJECT STAGE</b> PLANNING	<b>SCALE</b> 1:100
	<b>DRAWING NO.</b> rev 3
	<b>P400</b>