

# TRAM ROAD RESERVE WATER RECYCLING FACILITY



DRAWING INDEX		
DRAWING NUMBER	DRAWING TITLE	SCALE
00 COVER		
A0001	GENERAL - COVER SHEET	NTS
01 GA PLANS		
A0002	GENERAL ARRANGEMENT - EXISTING SITE PLAN	1:500
A0003A	GENERAL ARRANGEMENT - SITE PLAN - PROPOSED FACILITY	1:500
A0003B	GENERAL ARRANGEMENT - SITE PLAN - UNDERGROUND FACILITY	1:500
A0004	GENERAL ARRANGEMENT - ROOF PLAN & GROUND PLAN	1:200
A0005	GENERAL ARRANGEMENT - BASEMENT LEVEL 1 & 2 PLAN	1:200
A0006	GENERAL ARRANGEMENT - 6 WHITTENS LANE	1:200
A0006A	GENERAL ARRANGEMENT - 32 GRANGE PARK AVENUE	1:200
A0006B	SITE CIRCULATION PLAN	NTS
02 GA SECTIONS & ELEVATIONS		
A0007	GENERAL ARRANGEMENT - GA SECTIONS & ELEVATIONS	1:200

MATERIAL SCHEDULE		
CODE	DESCRIPTION	IMAGE
RF-01	TRAPEZOIDAL ROOF SHEETING WITH MATCHING TRIMS AND FEATURES. COLOUR TO BE COLOURBOND NIGHT SKY OR SIMILAR APPROVED.	
WL-01	TIMBER CLAD WALL TYPE 01 - VERTICAL TIMBER FINNS CLAD OVER SOLID INSULATED WALL. TIMBER TO BE JAPANESE CHARRED WOOD 'SHOU SUGI BAN' OR SIMILAR APPROVED.	
WL-02	TIMBER CLAD WALL TYPE 02 - VERTICAL TIMBER FINNS CLAD OVER TRANSPARENT WALL. TIMBER TO BE JAPANESE CHARRED WOOD 'SHOU SUGI BAN' OR SIMILAR APPROVED.	
WL-03	TIMBER CLAD WALL TYPE 03 - VERTICAL TIMBER FINNS CLAD OVER LOUVRES. TIMBER TO BE JAPANESE CHARRED WOOD 'SHOU SUGI BAN' OR SIMILAR APPROVED.	
WL-04	TIMBER CLAD WALL TYPE 04 - VERTICAL TIMBER FENCING ON STEEL FRAME. TIMBER TO BE JAPANESE CHARRED WOOD 'SHOU SUGI BAN' OR SIMILAR APPROVED.	
WL-05	RAMMED EARTH FEATURE WALL. POTENTIAL TO INCORPORATE ARTWORK. TO BE AGREED WITH COUNCIL AND INDIGENOUS CORPORATIONS.	

NOTE: IN CASE OF TIMBER CLAD WALL TYPE 01, TIMBER IS TO BE SPACED WITH MATERIALITY OF WALL SHOWN BEHIND THE VERTICAL FINNS.

Issue	Description	Date	By	Chkd	Appd

Issue	Description	Date	By	Chkd	Appd
C	PLANNING SUBMISSION - REMOVAL OF EASEMENT DETAIL	28/09/2023	ZR	NB	PS
B	PLANNING SUBMISSION - EASEMENT AND CIRCULATION DETAIL	08/09/2022	ZR	NB	CM
A	PLANNING SUBMISSION	25/02/2022	ZR	NB	CM

Client  
Yarra Valley Water Ltd

Job Title  
TRAM ROAD RESERVE  
WATER RECYCLING FACILITY

**ARUP**

Sky Park, One Melbourne Quarter  
220 Collins Street, Docklands, VIC 3008  
Tel: +61 (0)3 9600 5000  
Fax: +61 (0)3 9662 1546  
www.arup.com



Drawing Title  
COVER SHEET

Scale at A1

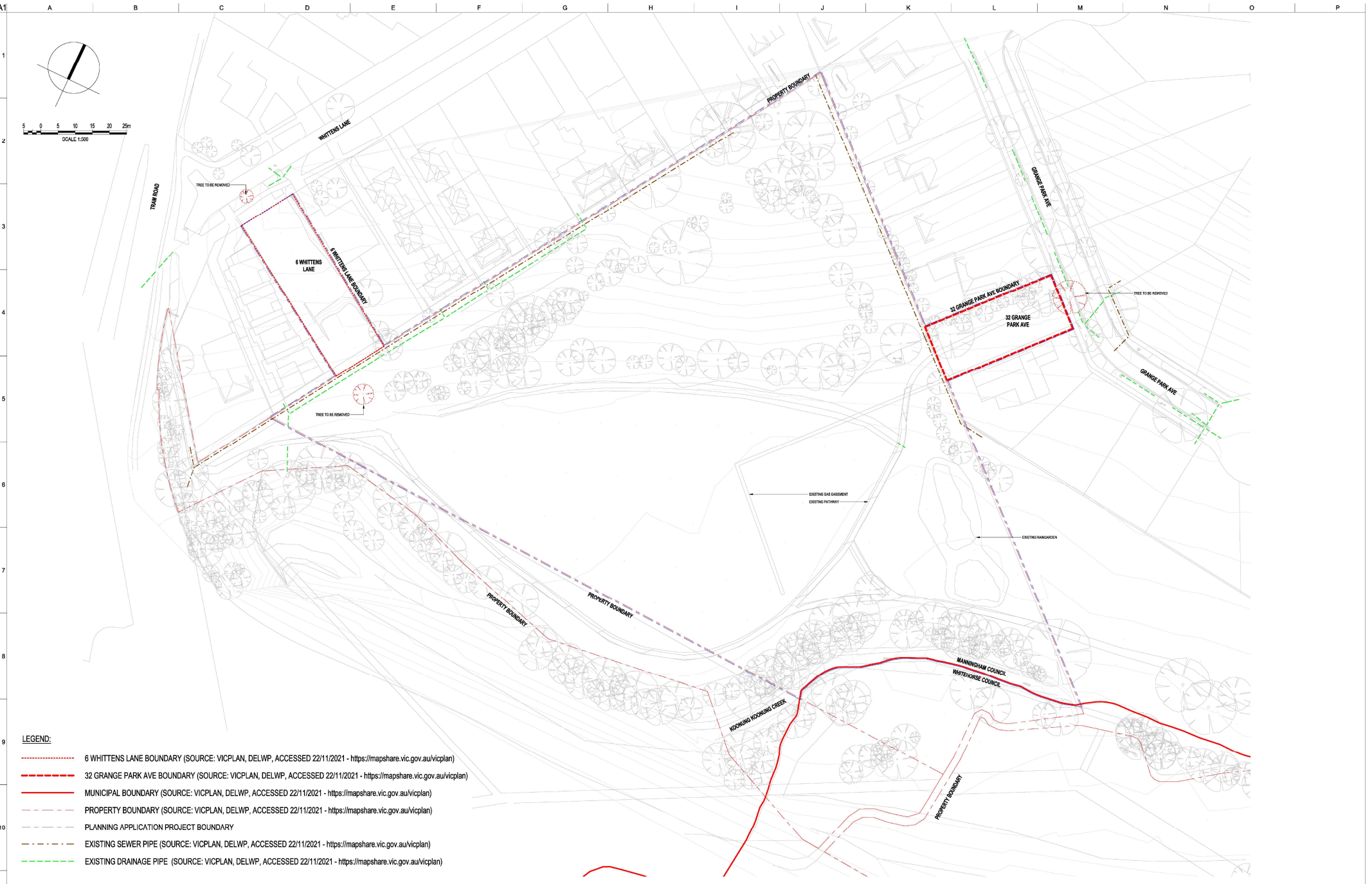
Discipline  
ARCHITECTURE

Job No  
**267164-29**

Drawing Status  
**PLANNING ISSUE**

Drawing No  
**267164-29-ARC-DRG-A0001**

Issue  
**C**



- LEGEND:**
- ..... 6 WHITTENS LANE BOUNDARY (SOURCE: VICPLAN, DELWP, ACCESSED 22/11/2021 - <https://mapshare.vic.gov.au/vicplan>)
  - - - - - 32 GRANGE PARK AVE BOUNDARY (SOURCE: VICPLAN, DELWP, ACCESSED 22/11/2021 - <https://mapshare.vic.gov.au/vicplan>)
  - MUNICIPAL BOUNDARY (SOURCE: VICPLAN, DELWP, ACCESSED 22/11/2021 - <https://mapshare.vic.gov.au/vicplan>)
  - - - - - PROPERTY BOUNDARY (SOURCE: VICPLAN, DELWP, ACCESSED 22/11/2021 - <https://mapshare.vic.gov.au/vicplan>)
  - - - - - PLANNING APPLICATION PROJECT BOUNDARY
  - - - - - EXISTING SEWER PIPE (SOURCE: VICPLAN, DELWP, ACCESSED 22/11/2021 - <https://mapshare.vic.gov.au/vicplan>)
  - - - - - EXISTING DRAINAGE PIPE (SOURCE: VICPLAN, DELWP, ACCESSED 22/11/2021 - <https://mapshare.vic.gov.au/vicplan>)

Issue	Description	Date	By	Chkd	Appd

Issue	Description	Date	By	Chkd	Appd
B	PLANNING SUBMISSION - EASEMENT AND CIRCULATION DETAIL	06/09/2022	ZR	NB	CM
A	PLANNING SUBMISSION	25/02/2022	ZR	NB	CM

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Drawing Title  
**EXISTING SITE PLAN**

Scale at A1  
 1 : 500

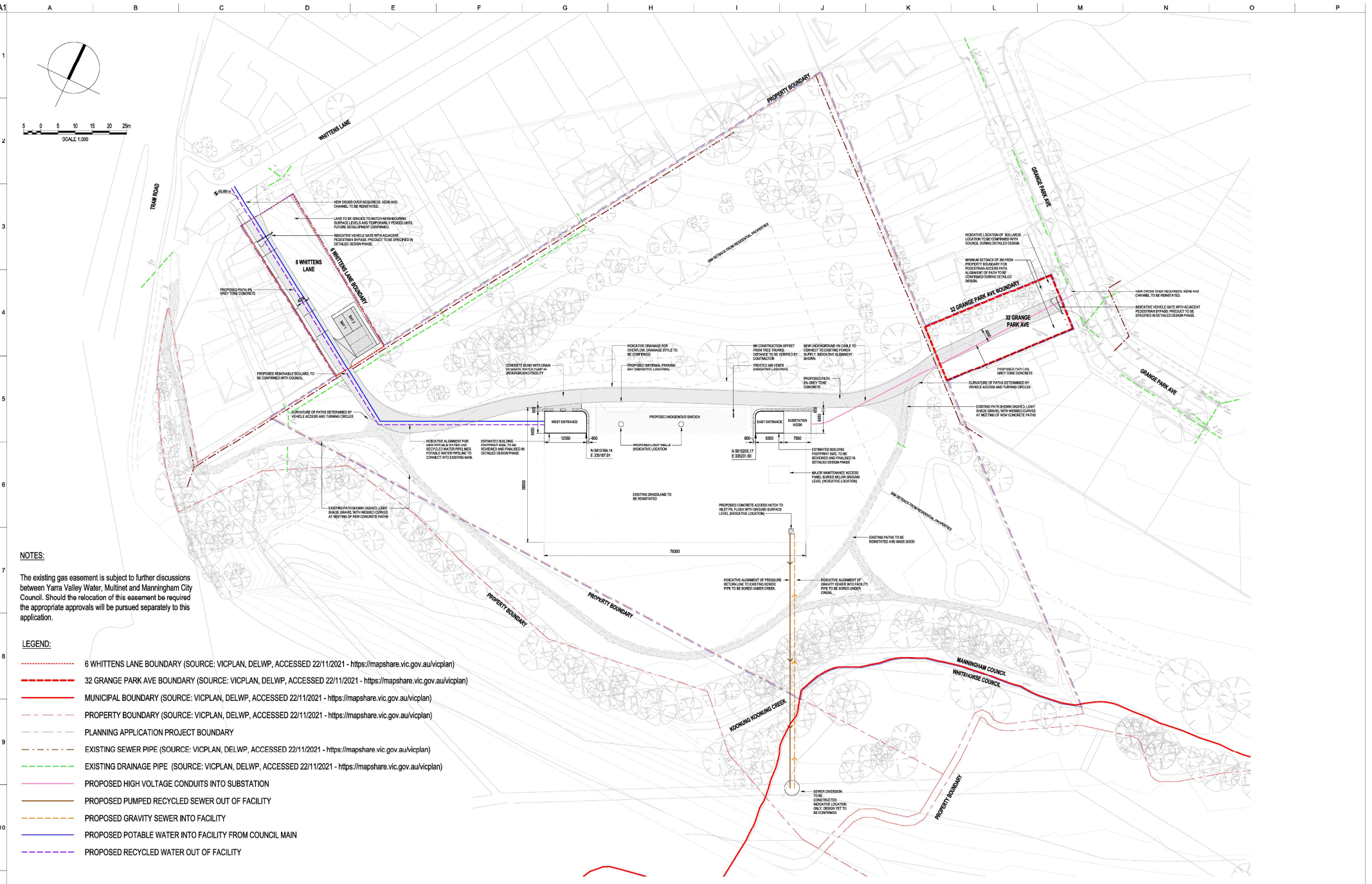
Discipline  
**ARCHITECTURE**

Job No  
**267164-29**

Drawing Status  
**PLANNING ISSUE**

Drawing No  
**267164-29-ARC-DRG-A0002**

Issue  
**B**



**NOTES:**

The existing gas easement is subject to further discussions between Yarra Valley Water, Multinet and Manningham City Council. Should the relocation of this easement be required the appropriate approvals will be pursued separately to this application.

- LEGEND:**
- 6 WHITTENS LANE BOUNDARY (SOURCE: VICPLAN, DELWP, ACCESSED 22/11/2021 - https://mapshare.vic.gov.au/vicplan)
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  - PROPERTY BOUNDARY (SOURCE: VICPLAN, DELWP, ACCESSED 22/11/2021 - https://mapshare.vic.gov.au/vicplan)
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  - EXISTING DRAINAGE PIPE (SOURCE: VICPLAN, DELWP, ACCESSED 22/11/2021 - https://mapshare.vic.gov.au/vicplan)
  - PROPOSED HIGH VOLTAGE CONDUITS INTO SUBSTATION
  - PROPOSED PUMPED RECYCLED SEWER OUT OF FACILITY
  - PROPOSED GRAVITY SEWER INTO FACILITY
  - PROPOSED POTABLE WATER INTO FACILITY FROM COUNCIL MAIN
  - PROPOSED RECYCLED WATER OUT OF FACILITY

Issue	Description	Date	By	Chkd	Appd

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A	PLANNING SUBMISSION	25/02/2022	ZR	NB	CM

Client  
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 www.arup.com

CONSULT AUSTRALIA

Member Firm  
 ARCHITECTS  
 AIN 18 900 966 165

Drawing Title  
**SITE PLAN - PROPOSED FACILITY**

Scale at A1  
 1 : 500

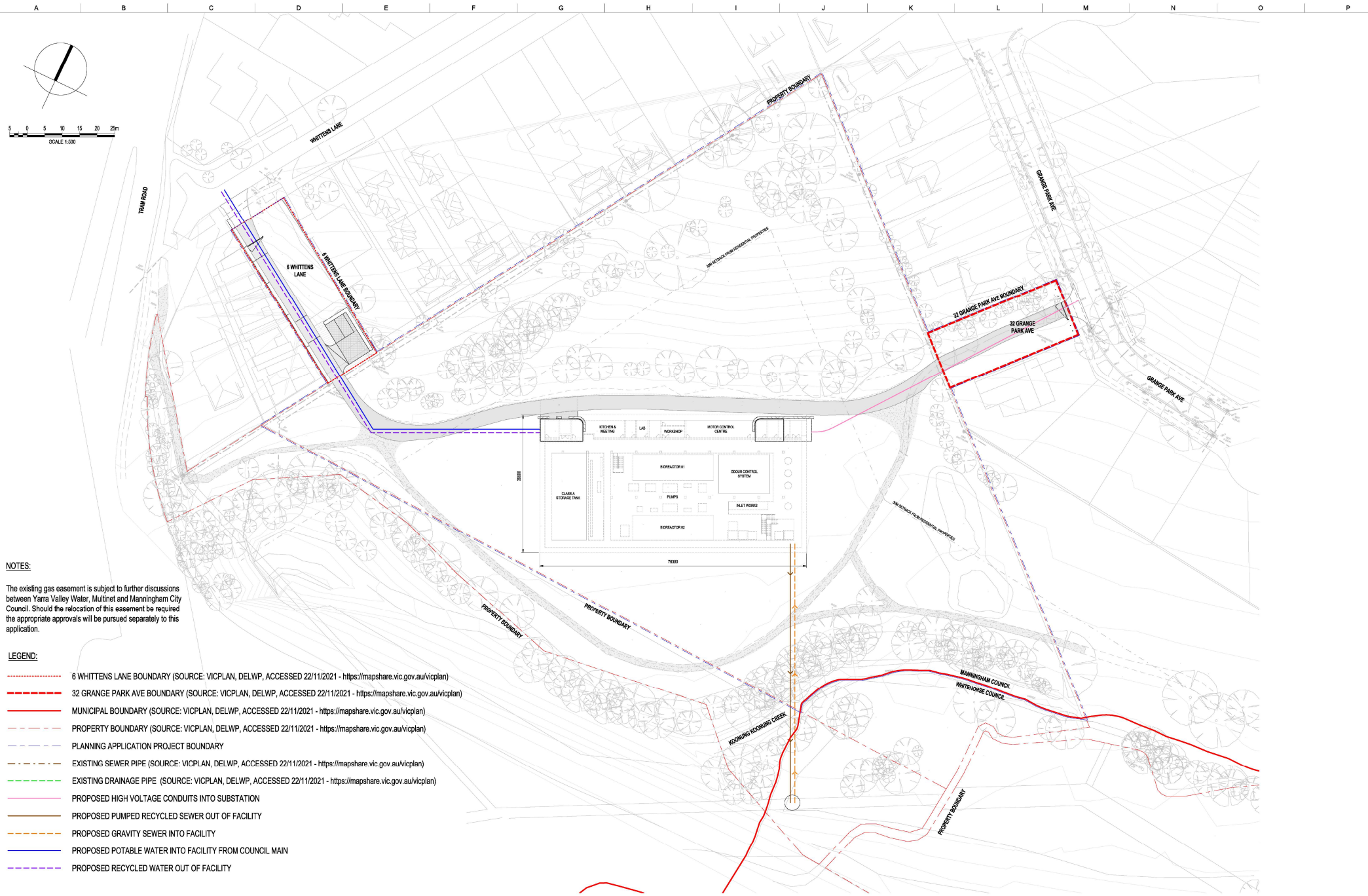
Discipline  
 ARCHITECTURE

Job No  
**267164-29**

Drawing Status  
**PLANNING ISSUE**

Drawing No  
**267164-29-ARC-DRG-A0003A**

Issue  
**C**



**NOTES:**  
 The existing gas easement is subject to further discussions between Yarra Valley Water, Multinet and Manningham City Council. Should the relocation of this easement be required the appropriate approvals will be pursued separately to this application.

- LEGEND:**
- 6 WHITTENS LANE BOUNDARY (SOURCE: VICPLAN, DELWP, ACCESSED 22/11/2021 - <https://mapshare.vic.gov.au/vicplan>)
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  - PROPOSED POTABLE WATER INTO FACILITY FROM COUNCIL MAIN
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A	PLANNING SUBMISSION	25/02/2022	ZR	NB	CM

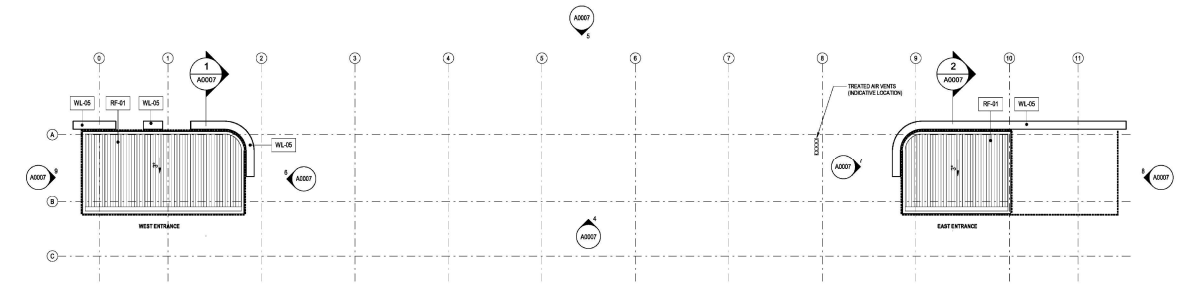
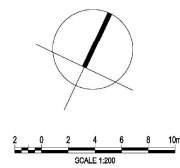
Client  
**Yarra Valley Water Ltd**

Job Title  
**TRAM ROAD RESERVE WATER RECYCLING FACILITY**

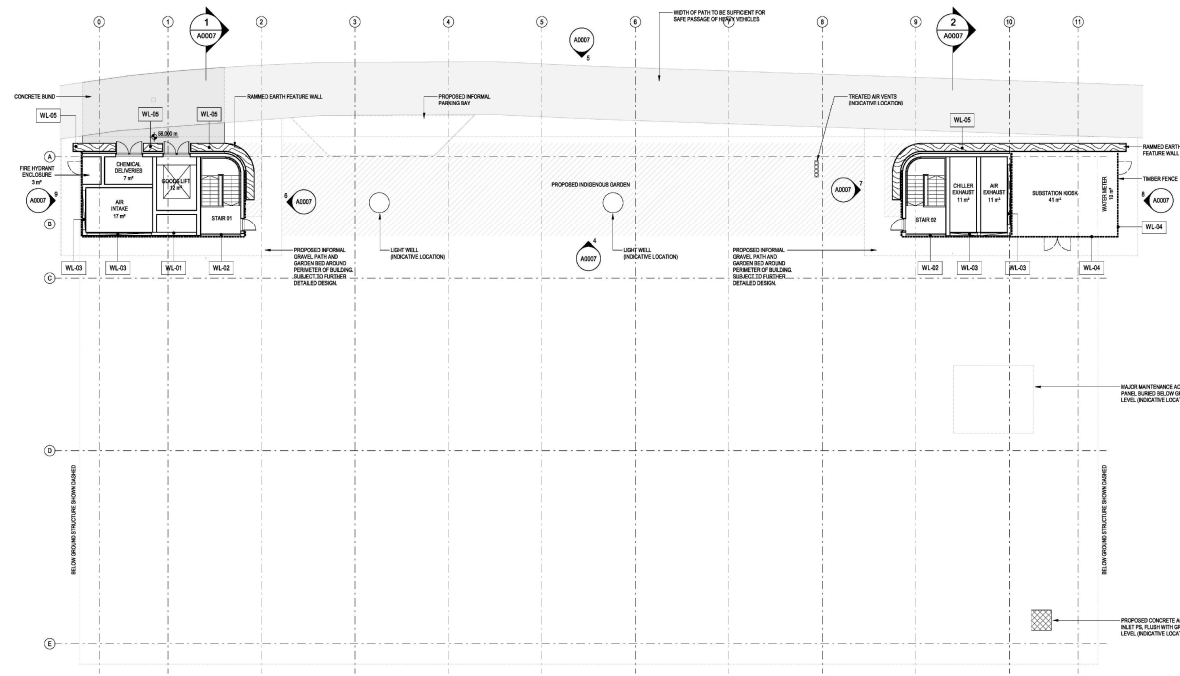


Drawing Title  
**SITE PLAN - UNDERGROUND FACILITY**

Scale at A1	1 : 500
Discipline	ARCHITECTURE
Job No	267164-29
Drawing Status	PLANNING ISSUE
Drawing No	267164-29-ARC-DRG-A0003B
Issue	C



**1** ROOF LEVEL PLAN  
1:200



**2** GROUND LEVEL PLAN  
1:200

**NOTE:**  
BUILDING LIGHTING TO INCLUDE LOCALISED EXTERNAL SECURITY LIGHTING. FINAL LIGHTING DESIGN, DISTRIBUTION, AND LOCATION TO BE FURTHER DEVELOPED IN DETAILED DESIGN PHASE. DISTANCE BETWEEN ABOVE GROUND STRUCTURES MAY BE REDUCED IN ACCORDANCE WITH THE FINAL UNDER GROUND FOOTPRINT.

Issue	Description	Date	By	Chkd	Appd

Issue	Description	Date	By	Chkd	Appd
B	PLANNING SUBMISSION - EASEMENT AND CIRCULATION DETAIL	06/09/2022	ZR	NB	CM
A	PLANNING SUBMISSION	25/02/2022	ZR	NB	CM

Client  
**Yarra Valley Water Ltd**

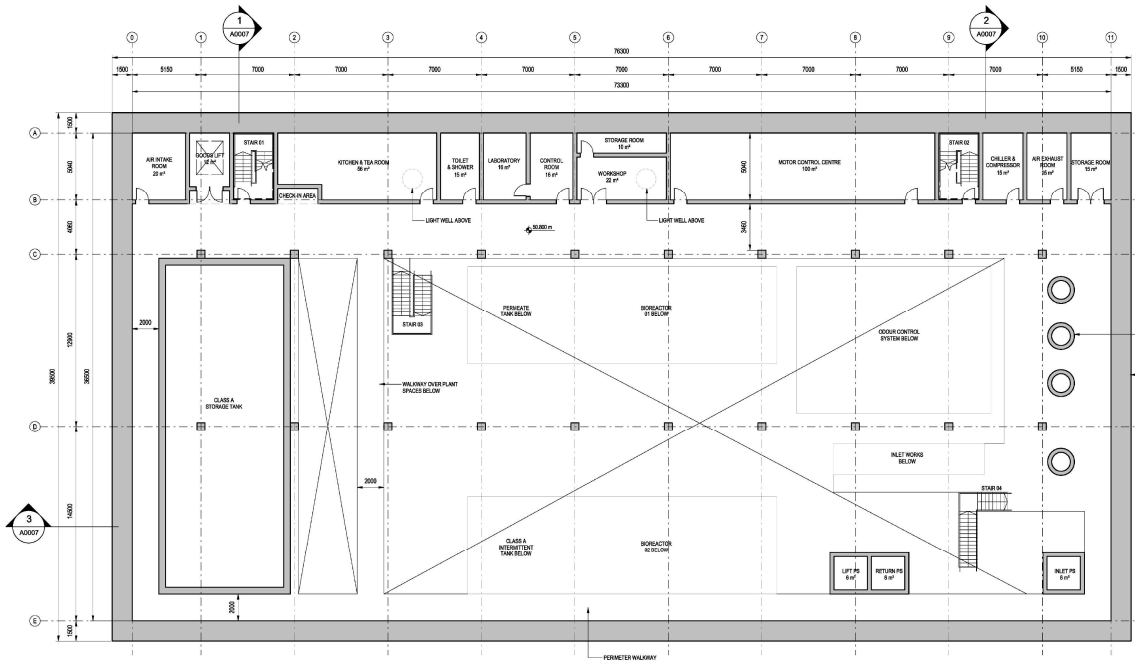
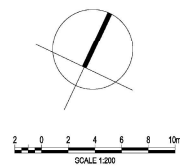
Job Title  
**TRAM ROAD RESERVE WATER RECYCLING FACILITY**



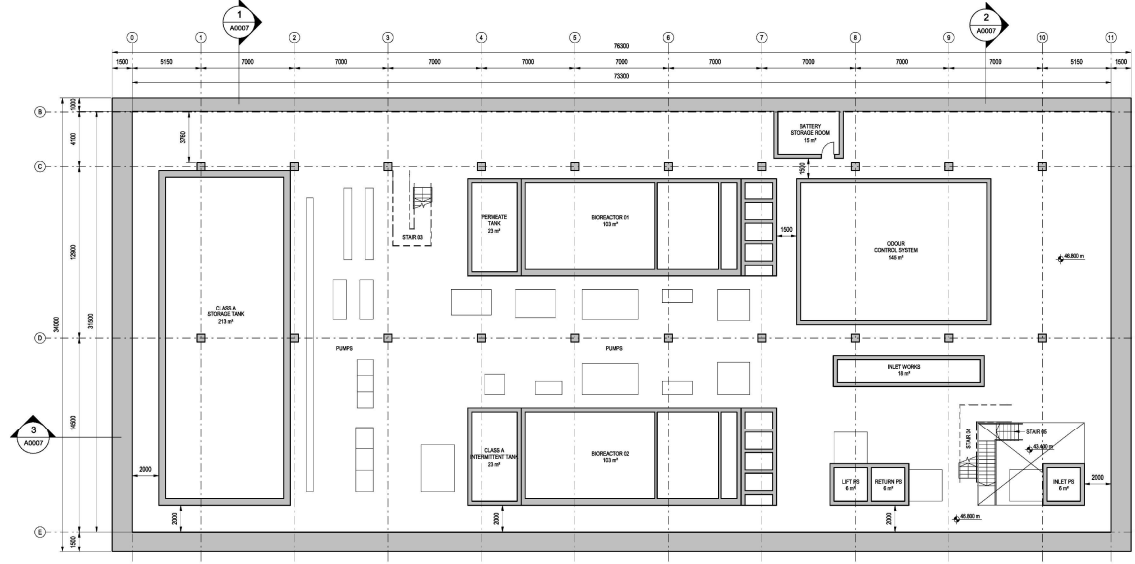
Drawing Title  
**ROOF PLAN & GROUND PLAN**



Scale at A1	1:200
Discipline	ARCHITECTURE
Job No	267164-29
Drawing Status	PLANNING ISSUE
Drawing No	267164-29-ARC-DRG-A0004
Issue	B



**1 BASEMENT LEVEL 1**  
 1:200



**2 BASEMENT LEVEL 2**  
 1:200

NOTE:  
 UNDERGROUND FACILITY BUILDING FOOTPRINT IS INDICATIVE ONLY, AND IS EXPECTED TO BE CONSERVATIVE. FINAL UNDERGROUND FOOTPRINT OF THIS AREA OR SMALLER TO BE CONFIRMED AS PART OF DETAILED DESIGN.

Issue	Description	Date	By	Chkd	Appd

Issue	Description	Date	By	Chkd	Appd
B	PLANNING SUBMISSION - EASEMENT AND CIRCULATION DETAIL	06/09/2012	ZR	NB	CM
A	PLANNING SUBMISSION	25/02/2012	ZR	NB	CM

Client  
**Yarra Valley Water Ltd**

Job Title  
**TRAM ROAD RESERVE WATER RECYCLING FACILITY**

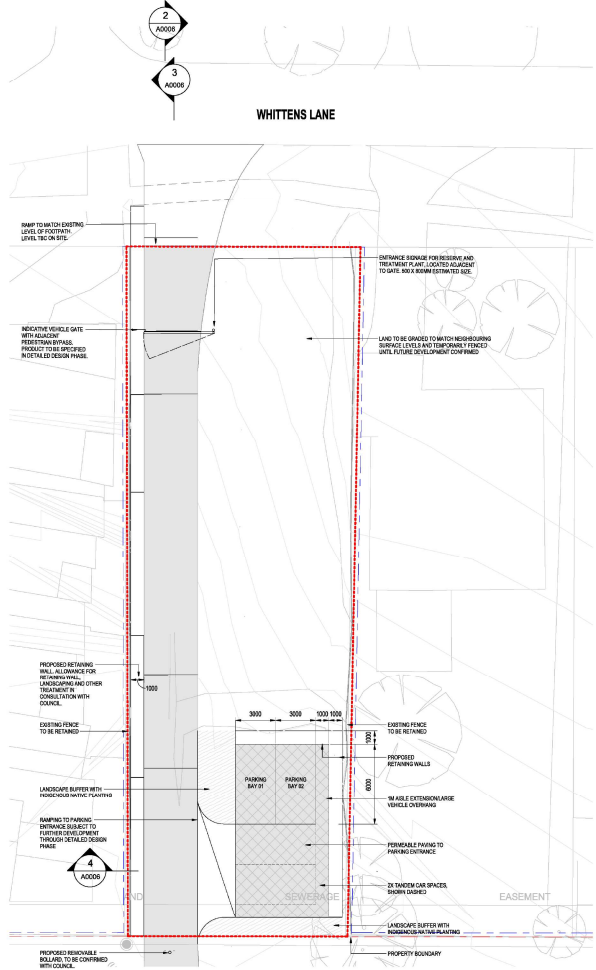
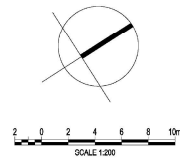


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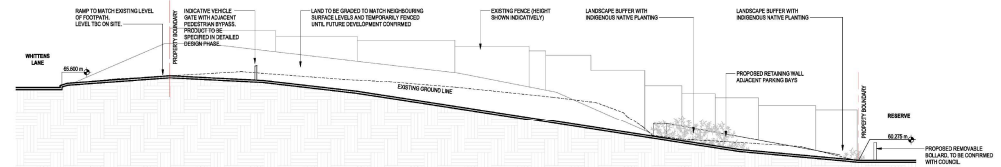
Drawing Title  
**BASEMENT LEVEL 1 & 2 PLAN**



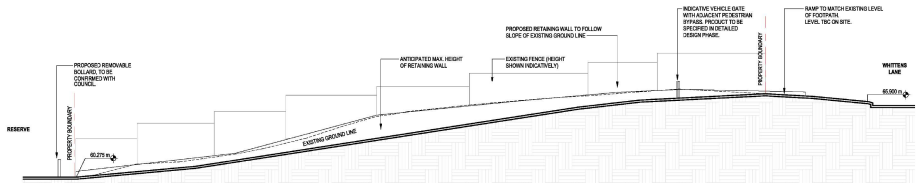
Scale at A1	1:200
Discipline	ARCHITECTURE
Job No	267164-29
Drawing Status	PLANNING ISSUE
Drawing No	267164-29-ARC-DRG-A0005
Issue	B



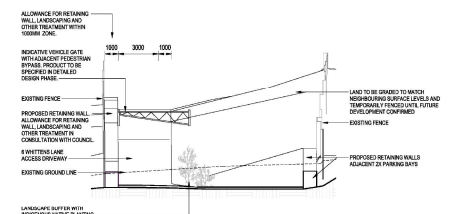
**1 6 WHITTENS LANE PLAN**  
1:200



**2 LONG SECTION 1 - 6 WHITTENS LANE - LOOKING NORTH**  
1:200



**3 LONG SECTION 2 - 6 WHITTENS LANE - LOOKING SOUTH**  
1:200



**4 CROSS SECTION 1 - 6 WHITTENS LANE - LOOKING WEST**  
1:200

- LEGEND:**
- 6 WHITTENS LANE BOUNDARY (SOURCE: VICPLAN, DELWP, ACCESSED 22/11/2021 - <https://mapshare.vic.gov.au/vicplan>)
  - - - - - PROPERTY BOUNDARY (SOURCE: VICPLAN, DELWP, ACCESSED 22/11/2021 - <https://mapshare.vic.gov.au/vicplan>)
  - - - - - PLANNING APPLICATION PROJECT BOUNDARY

Issue	Description	Date	By	Chkd	Appd

Issue	Description	Date	By	Chkd	Appd
B	PLANNING SUBMISSION - EASEMENT AND CIRCULATION DETAIL	06/09/2022	ZR	NB	CM
A	PLANNING SUBMISSION	25/02/2022	ZR	NB	CM

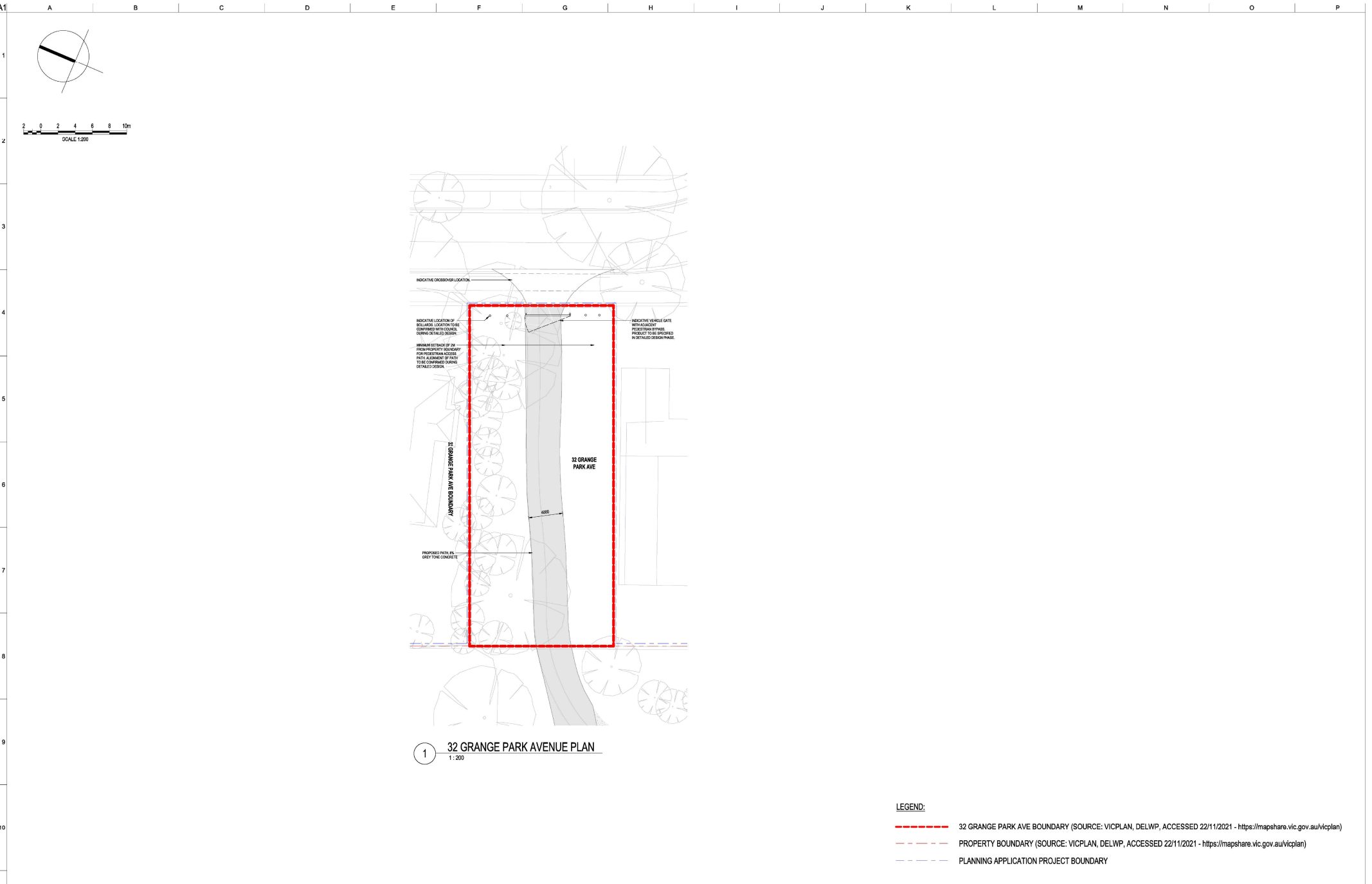
Client  
**Yarra Valley Water Ltd**

Job Title  
**TRAM ROAD RESERVE  
WATER RECYCLING FACILITY**



Drawing Title  
**6 WHITTENS LANE  
PLAN, SECTION & ELEVATION**

Scale at A1 As indicated  
Discipline ARCHITECTURE  
Job No **267164-29** Drawing Status **PLANNING ISSUE**  
Drawing No **267164-29-ARC-DRG-A0006** Issue **B**



1 32 GRANGE PARK AVENUE PLAN  
1:200

- LEGEND:**
- - - - - 32 GRANGE PARK AVE BOUNDARY (SOURCE: VICPLAN, DELWP, ACCESSED 22/11/2021 - <https://mapshare.vic.gov.au/vicplan>)
  - - - - - PROPERTY BOUNDARY (SOURCE: VICPLAN, DELWP, ACCESSED 22/11/2021 - <https://mapshare.vic.gov.au/vicplan>)
  - - - - - PLANNING APPLICATION PROJECT BOUNDARY

Issue	Description	Date	By	Chkd	Appd

Issue	Description	Date	By	Chkd	Appd
A	PLANNING SUBMISSION - EASEMENT AND CIRCULATION	06/06/2022	ZR	NB	CM

Client  
**Yarra Valley Water Ltd**

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Drawing Title  
**32 GRANGE PARK AVENUE**

Scale at A1 As indicated

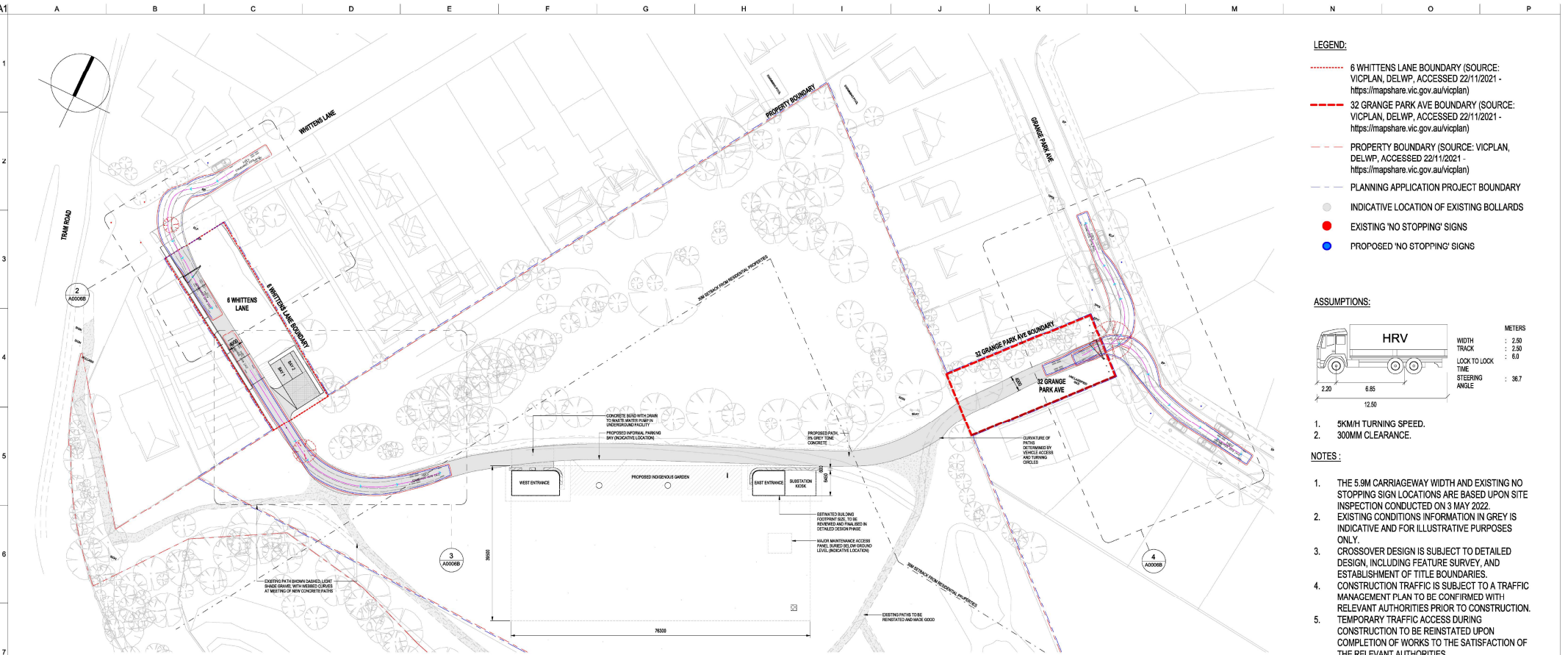
Discipline **ARCHITECTURE**

Job No **267164-29** Drawing Status **PLANNING ISSUE**

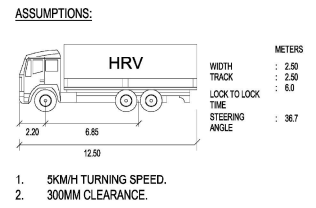
Drawing No **267164-29-ARC-DRG-A0006A** Issue **A**





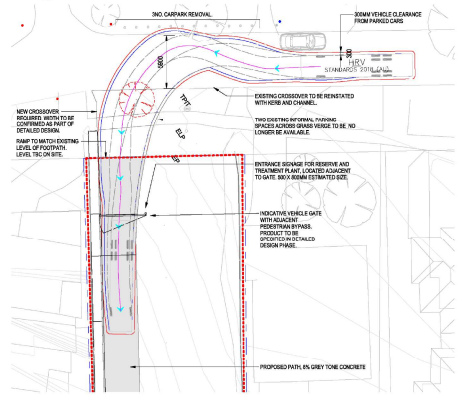


- LEGEND:**
- - - - - 6 WHITTENS LANE BOUNDARY (SOURCE: VICPLAN, DELWP, ACCESSED 22/11/2021 - <https://mapshare.vic.gov.au/vicplan>)
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  - - - - - PROPERTY BOUNDARY (SOURCE: VICPLAN, DELWP, ACCESSED 22/11/2021 - <https://mapshare.vic.gov.au/vicplan>)
  - - - - - PLANNING APPLICATION PROJECT BOUNDARY
  - INDICATIVE LOCATION OF EXISTING BOLLARDS
  - EXISTING 'NO STOPPING' SIGNS
  - PROPOSED 'NO STOPPING' SIGNS

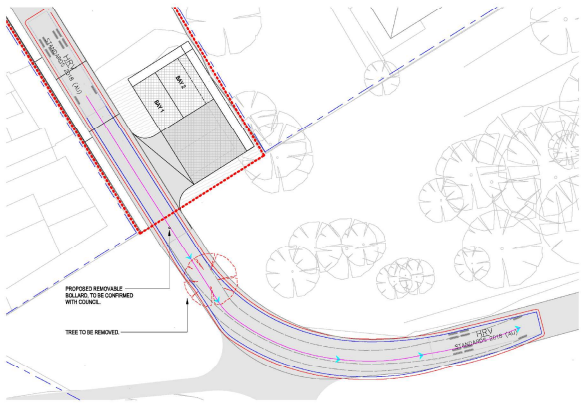


- NOTES:**
- THE 5.9M CARRIAGEWAY WIDTH AND EXISTING NO STOPPING SIGN LOCATIONS ARE BASED UPON SITE INSPECTION CONDUCTED ON 3 MAY 2022.
  - EXISTING CONDITIONS INFORMATION IN GREY IS INDICATIVE AND FOR ILLUSTRATIVE PURPOSES ONLY.
  - CROSSOVER DESIGN IS SUBJECT TO DETAILED DESIGN, INCLUDING FEATURE SURVEY, AND ESTABLISHMENT OF TITLE BOUNDARIES.
  - CONSTRUCTION TRAFFIC IS SUBJECT TO A TRAFFIC MANAGEMENT PLAN TO BE CONFIRMED WITH RELEVANT AUTHORITIES PRIOR TO CONSTRUCTION.
  - TEMPORARY TRAFFIC ACCESS DURING CONSTRUCTION TO BE REINSTATED UPON COMPLETION OF WORKS TO THE SATISFACTION OF THE RELEVANT AUTHORITIES.

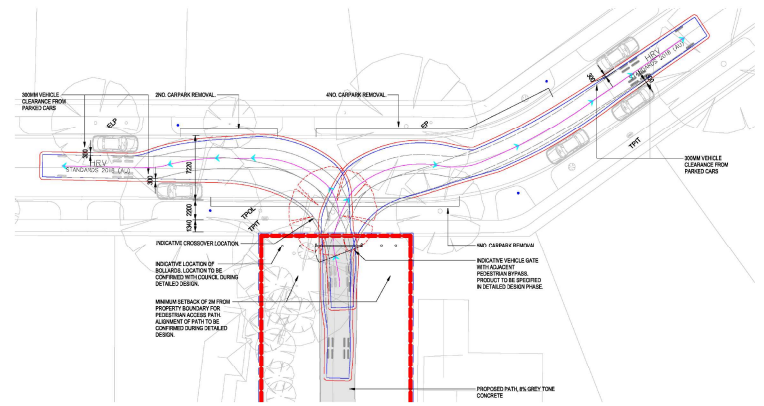
**1 SITE CIRCULATION PLAN**  
1: 500



**2 CIRCULATION PLAN - ENTRY**  
1: 300



**3 CIRCULATION PLAN - INTERNAL**  
1: 300



**4 CIRCULATION PLAN - EXIT**  
1: 300

Issue	Description	Date	By	Chkd	Appd
A	PLANNING SUBMISSION - EASEMENT AND CIRCULATION	06/06/2022	ZR	NB	CM

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Drawing Title  
**SITE CIRCULATION PLAN  
MAINTENANCE VEHICLE  
CIRCULATION**

Scale at A1: As indicated

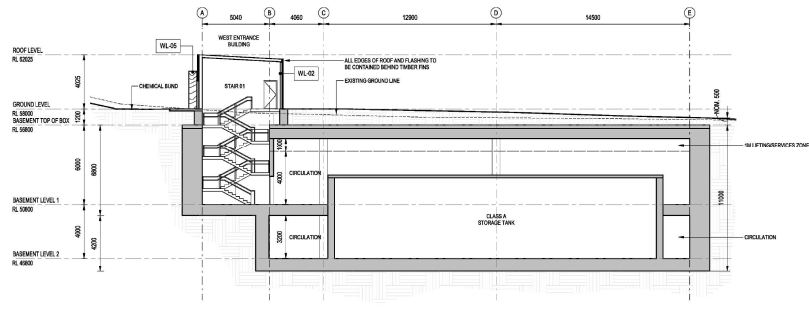
Discipline: ARCHITECTURE

Job No: **267164-29**

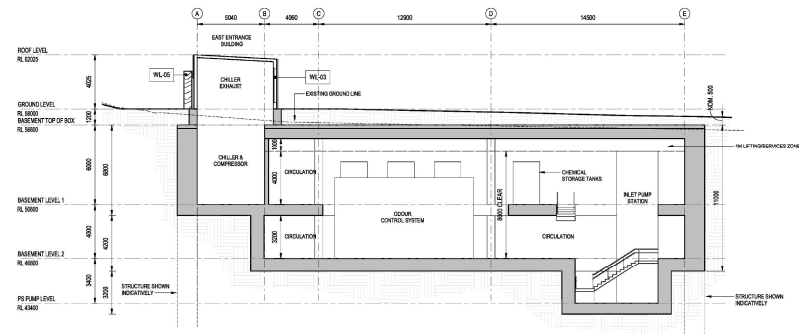
Drawing Status: **PLANNING ISSUE**

Drawing No: **267164-29-ARC-DRG-A0006B**

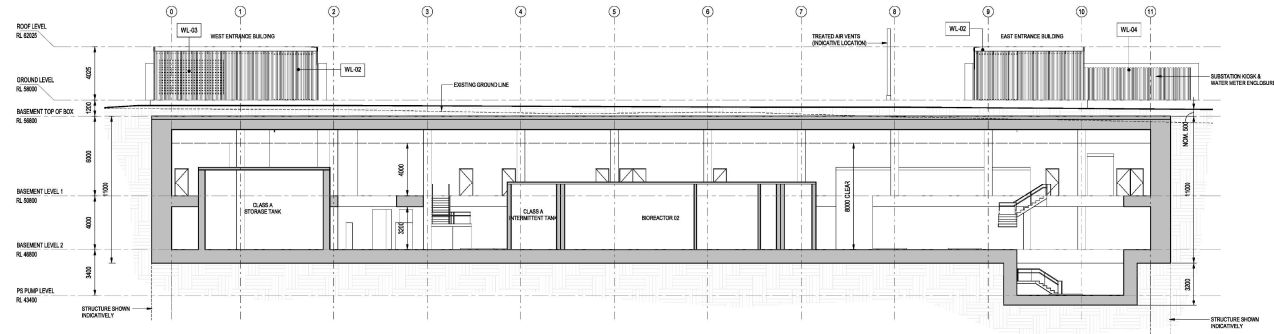
Issue: **A**



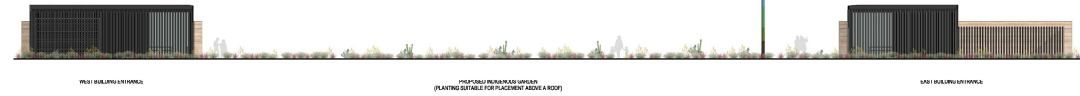
**1** CROSS SECTION 1 - UNDERGROUND FACILITY  
1:200



**2** CROSS SECTION 2 - UNDERGROUND FACILITY  
1:200



**3** LONG SECTION 1 - UNDERGROUND FACILITY  
1:200



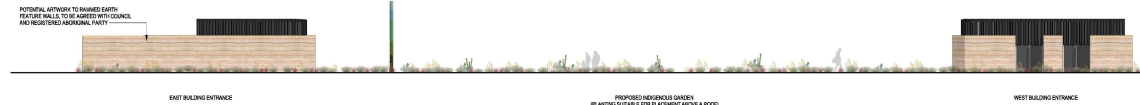
**4** ELEVATION 1 - SOUTH ELEVATION  
1:200



**6** ELEVATION 3 - EAST ELEVATION  
1:200



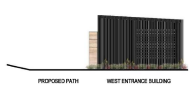
**7** ELEVATION 4 - WEST ELEVATION  
1:200



**5** ELEVATION 2 - NORTH ELEVATION  
1:200



**8** ELEVATION 5 - EAST ELEVATION  
1:200



**9** ELEVATION 6 - WEST ELEVATION  
1:200

NOTE:  
FINAL DEPTH OF EXCAVATION TO BE CONFIRMED IN DD

Issue	Description	Date	By	Chkd	Appd
B	PLANNING SUBMISSION - EASEMENT AND CIRCULATION DETAIL	08/09/2022	ZR	NB	CM
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Client  
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**TRAM ROAD RESERVE WATER RECYCLING FACILITY**



Drawing Title  
**GA SECTIONS & ELEVATIONS**

Scale at A1  
1:200

Discipline  
ARCHITECTURE

Job No  
**267164-29**

Drawing Status  
**PLANNING ISSUE**

Drawing No  
**267164-29-ARC-DRG-A0007**

Issue  
B

# 05

## Design response

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- Facility access
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- Materials
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- Architecture
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- Cultural heritage

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Indicative layout

## 05 Design response

# Proposed site layout

The key design focus is to return the Reserve close to its existing condition with minimal loss of open space whilst providing additional features that improve safety, access and amenity of the Reserve.

The proposed site layout includes the addition of a northern access pathway that enters from a new access point from 6 Whittens Lane and continues through to Grange Park Avenue. Operational access for vehicles, staff, maintenance and security will be via the new path. Low profile gates and bollards will be used to regulate vehicular access to the Reserve.

Otherwise, existing paths and access routes will be retained. The Facility's above-ground buildings will be placed on the north side of the Reserve to keep the main area of the Reserve open for casual recreation. Other improvements, such as gym equipment, are also possible.

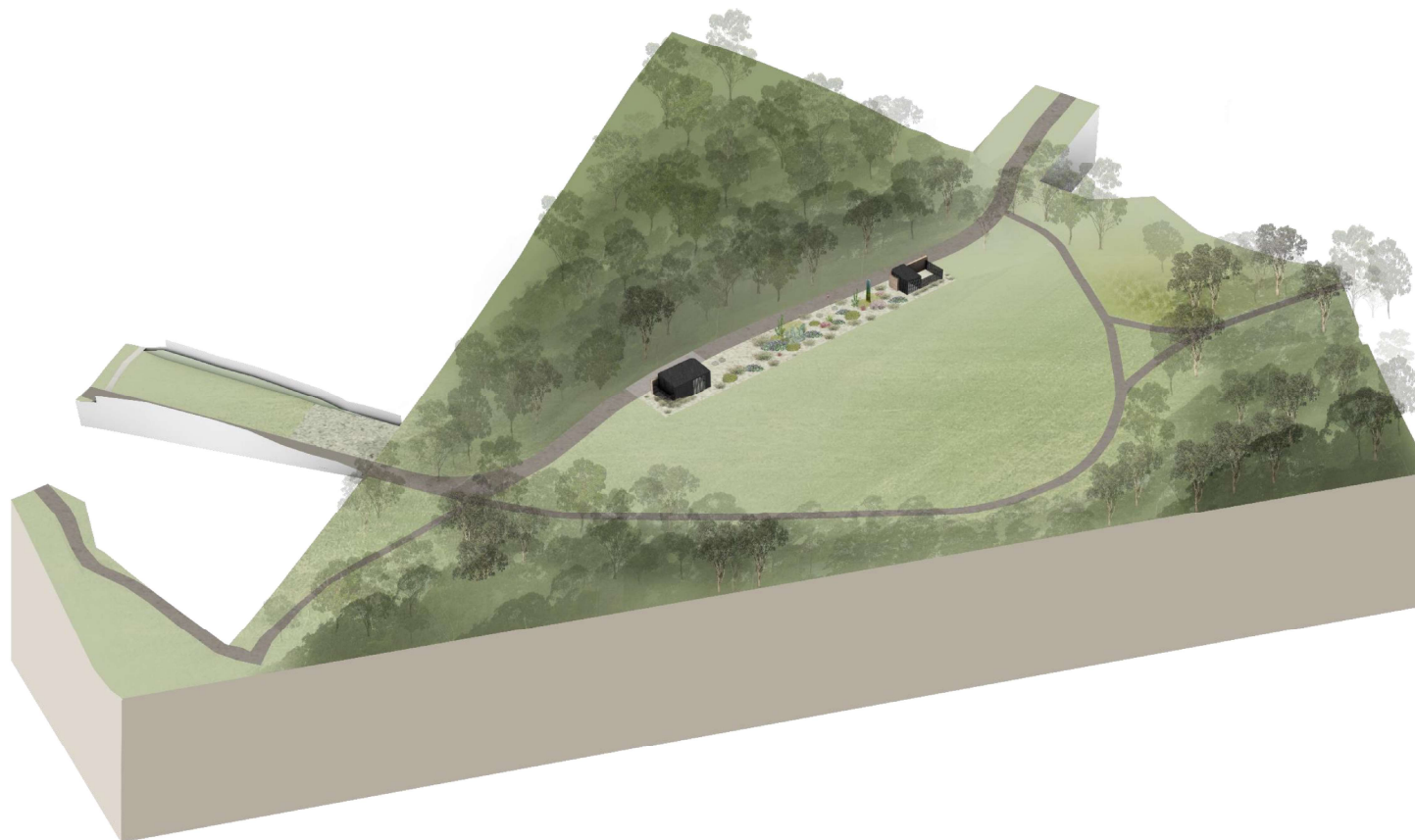
## 05 Design response

# Proposed site layout

The design of access pathways and the above-ground buildings will minimise the impact on established areas of tree planting; sufficient distances from tree roots will be considered to mitigate any disturbance. To retain the natural character of the Reserve, the existing raingarden and vast majority of vegetation will be retained, with the design requiring the removal of one existing trees within the Reserve and two street trees.

Any significant planting will be sited between or immediately adjacent to the above-ground buildings. Plantings are generally expected to be low profile due to the underground Facility beneath not permitting deep root systems.

Any vegetation added would be Indigenous and maintained by Yarra Valley Water. It is envisaged that Indigenous landscape architects will be engaged to design the Indigenous garden.



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05 Design response

# 6 Whittens Lane

A new access route is proposed via 6 Whittens Lane to provide entry for vehicles, staff and maintenance and security.

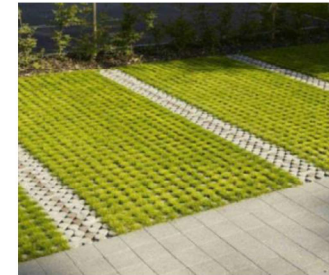
Pedestrian access will be 24/7, however vehicle access will be managed by gates and bollards. Such features will regulate visitors and parking spaces, and can act as a gateway operated by Yarra Valley Water to minimise vehicular entry into the Reserve.

The 6 Whittens Lane site will be regraded to permit vehicle access. This will require a new retaining wall alongside the new access route. Two formal and two informal tandem car parking spaces will be provided at the lowest point of the 6 Whittens Lane parcel adjoining the Reserve and within close proximity to the Facility. These spaces will be constructed using a permeable surface and will also have a small retaining wall.

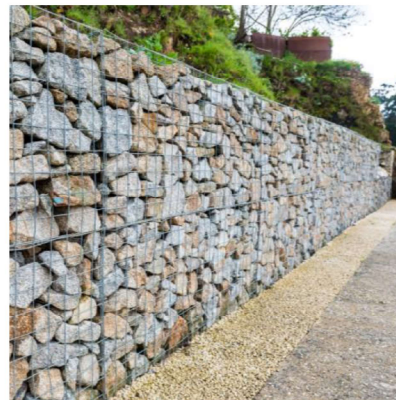
The remaining 6 Whittens Lane land will be reserved for future development consistent with the Neighbourhood Residential Zone.



Potential retaining wall options: a) and b) in situ concrete with timber form work



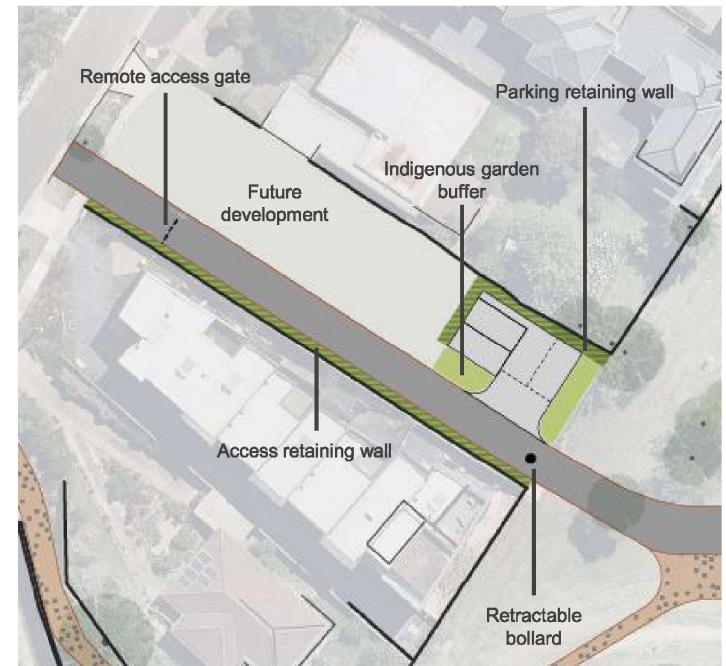
Potential permeable surface treatments



c) Gabion wall



d) Recycled Ironbark sleepers with steel H section



Access road through 6 Whittens Lane

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05 Design response

# Indigenous Species

With a focus on indigenous hardy and low maintenance species, the following suggested species can be incorporated for low screening and retaining elements for the retaining walls in 6 Whittens Lane.

Strap leaf species and grasses

- *Dianella revoluta*
- *Lomandra longifolia*
- *Poa labillardieri*

Shrubs

- *Bursaria spinosa*
- *Correa reflexa*
- *Chrysocephalum semipapposum*
- *Goodenia ovata*

Climbers / ground cover species

- *Billardiera macrantha*
- *Chrysocephalum appiculatum*
- *Clematis microphylla*
- *Dichonra repens*
- *Hardenbergia violacea*
- *Kennedia prostrata*



Potential retaining wall with indigenous species

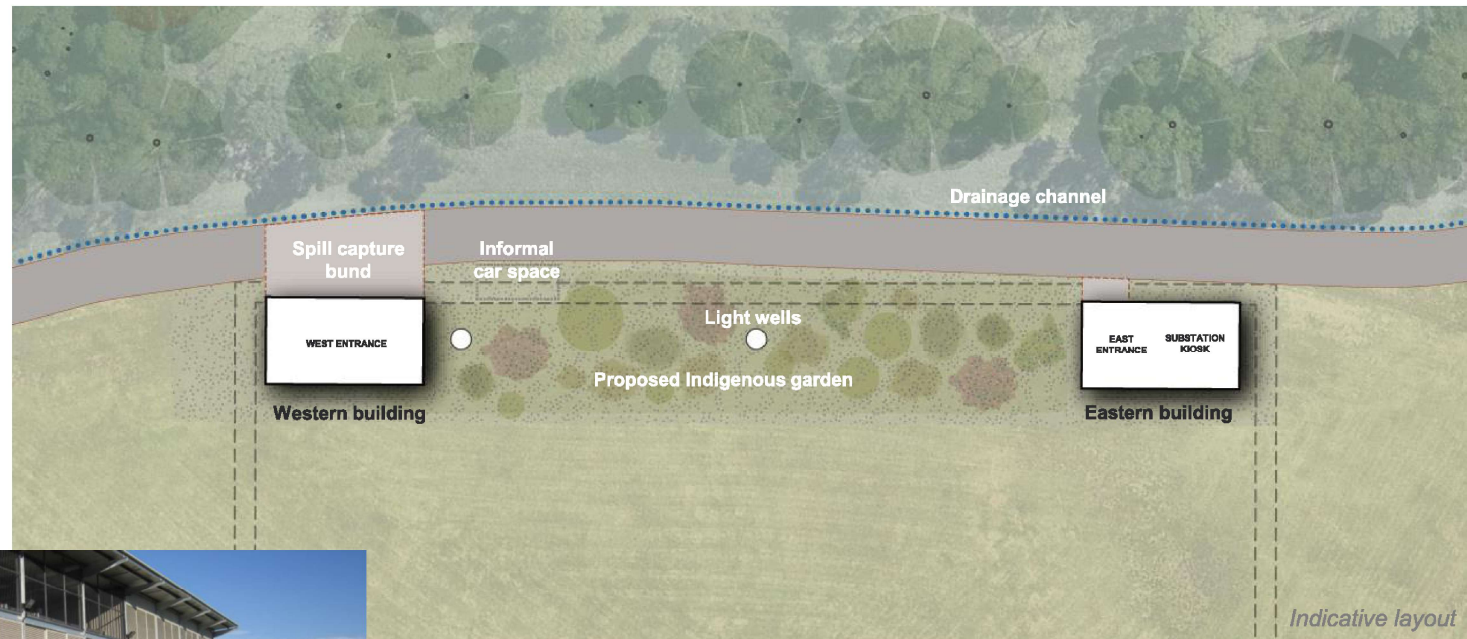
## 05 Design response

# Facility layout

The location and design of the above-ground buildings have considered safety and vehicular sightlines of pedestrians. The Facility will need two above-ground buildings to enable staff to access to the underground Facility. Integrated into the eastern building will be a fenced area for an electricity kiosk that will provide power to the Facility.

The northern pathway will provide pedestrian and vehicle access to the Facility. The pathway complements the existing paths in the Reserve by helping form a walking loop for Reserve visitors. The pathway's design will incorporate drainage to manage runoff from the slopes to the north and help ensure the paths and Reserve remain useable during wet weather.

A spill capture bund (a slightly sunken area with a drain) is proposed to be imbedded within the northern pathway next to the western building to ensure any spills from deliveries are safely contained. An informal car space is also provided within the Indigenous garden for occasional visits by operational vehicles, helping minimise disruption to public use of the new path.



Example of spill capture bund within roadway



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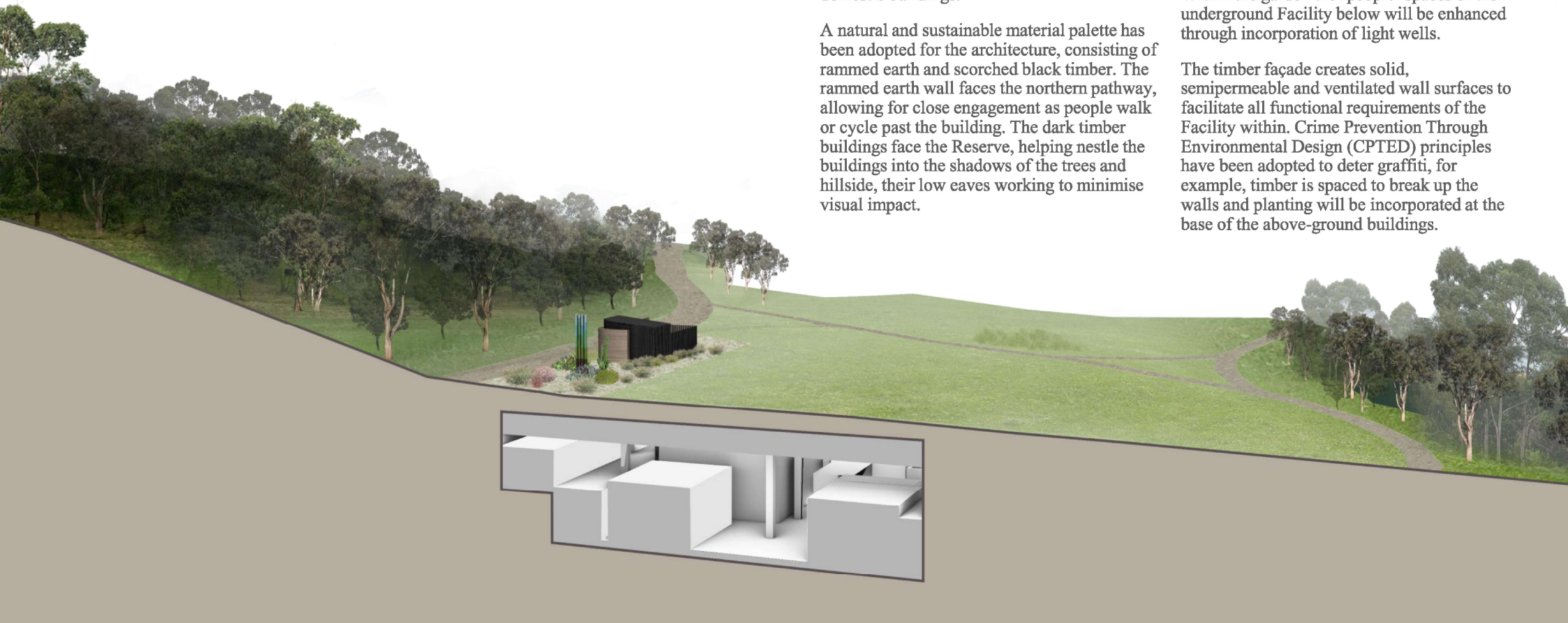
## 05 Design response Architecture

The above-ground buildings aim to sit discretely within the site and blend with the surrounding landscape. The massing of the above-ground buildings aims to minimise their footprint and the visual impact of the architecture to suit the local scale of nearby domestic buildings.

A natural and sustainable material palette has been adopted for the architecture, consisting of rammed earth and scorched black timber. The rammed earth wall faces the northern pathway, allowing for close engagement as people walk or cycle past the building. The dark timber buildings face the Reserve, helping nestle the buildings into the shadows of the trees and hillside, their low eaves working to minimise visual impact.

The articulation of the architecture is aimed to provide visual interest along the northern pathway with the rammed earth walls, which will frame an Indigenous garden between the above-ground buildings. Indigenous artwork is a possibility as part of the walls and garden. Within the garden the 'people' spaces of the underground Facility below will be enhanced through incorporation of light wells.

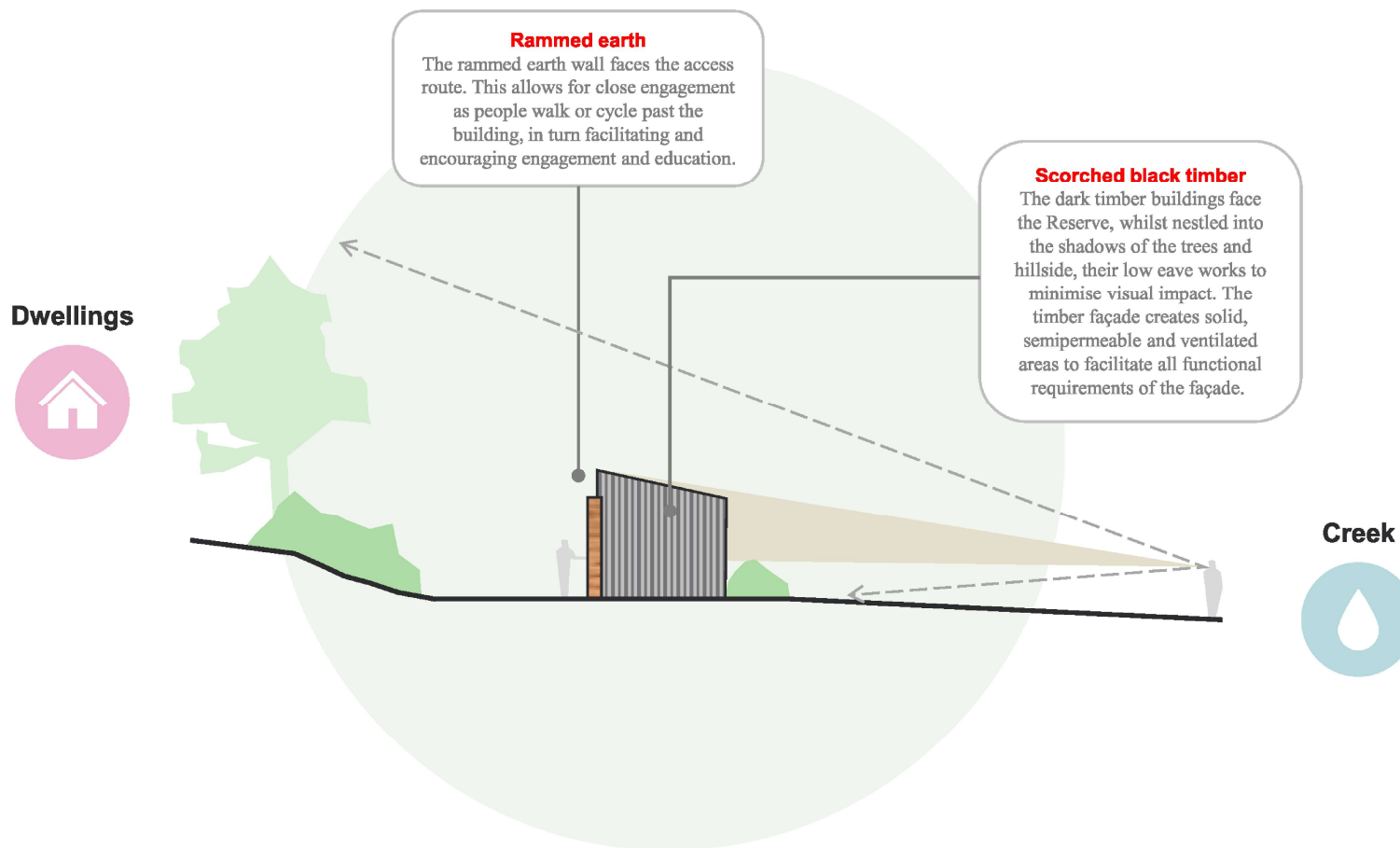
The timber façade creates solid, semipermeable and ventilated wall surfaces to facilitate all functional requirements of the Facility within. Crime Prevention Through Environmental Design (CPTED) principles have been adopted to deter graffiti, for example, timber is spaced to break up the walls and planting will be incorporated at the base of the above-ground buildings.



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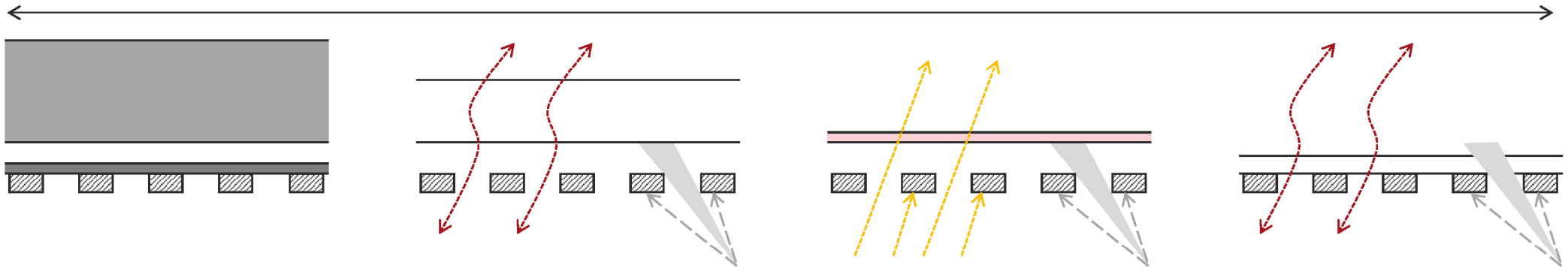
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Architecture

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05 Design response  
**Materials**

Visual continuity across all timber clad areas



**Solid**

Vertical timber battens over compressed fibre cement (CFC) sheeting, blockwork (or precast concrete), waterproofing and insulation. Solid wall provides a sleek minimalist aesthetic, while battens provide some richness and tactility.

**Air**

Vertical timber battens over louvred areas. This system allows for the required ventilation requirements, whilst minimising the visual impact of the louvres.

**Light**

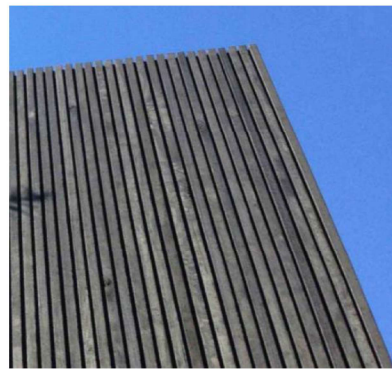
Vertical timber battens over translucent sheeting or glazed areas. This system allows natural light in whilst providing some sun shading, and minimising views into the operational areas.

**Screen**

Vertical timber battens screen the plant open air plant spaces beyond. The screen allows air to flow through, whilst obscuring views to plant equipment.

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05 Design response  
Materials



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## 05 Design response

# Landscaping and amenity

An Indigenous garden will provide added amenity for the community; it will be maintained by Yarra Valley Water and designed through engagement with the Indigenous community. Within the area between above-ground buildings, the Indigenous garden will contain vegetation as well as skylights to provide daylight to the underground 'people' spaces.

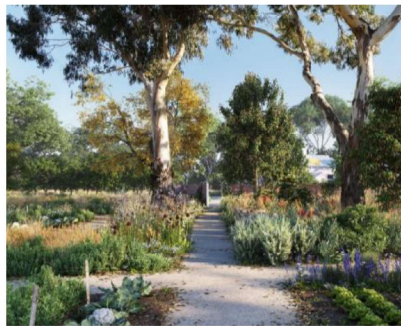
There is also opportunity for Indigenous artwork to be incorporated on the rammed earth walls and ventilation. These walls face the northern path to encourage the community to engage with its motifs and messaging.



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05 Design and Construction  
Landscaping and amenity

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## 05 Design response

# Water sustainability

The Facility will assist in providing sustainable water supply for dwellings in Doncaster Hill into the future. While the Facility is largely hidden below ground to preserve open space, it is important that the Facility's role in improving water security in the face of climate change and population growth be shared with the community. The Facility's above-ground presence will aim to do this through its design as well as appropriate signage and educational materials.

The narrative of water sustainability goes back to 65,000 years of Indigenous heritage. The design is inspired by the *Wurundjeri Woi wurrung* people living along Birrarung tributaries, honouring their deep connection to water and other natural features. The Facility design offers the opportunity to work with local Elders to recognise and honour this connection. There are opportunities to include artefacts and artwork in the design of rammed earth walls and ventilation, which will frame an Indigenous garden and tell the story of sustainable water from generation to generation.

