



ARTIST BRIEF

MARION CULTURAL CENTRE PAVEMENT MURALS PROJECT

Call for Expressions of Interest

The City of Marion is seeking Expressions of Interest from experienced South Australian based artists / artist teams to create public artwork for the redevelopment of Marion Cultural Centre Plaza, Oaklands Park

Expression of Interest: Open 27 November 2023

Expression of Interest: Close 08 January 2024

1. INTRODUCTION

Council seeks to engage a South Australian based artist / artist team to develop two (2) pavement murals at the Marion Cultural Centre (MCC) Plaza to create work that considers the surrounding environment and the community it serves, reflecting the local diversity and history of the site. This artwork will have a budget of up to \$38,000 which includes concept design fees, artist fees and fabrication of works.

1.1 Marion Cultural Centre redevelopment

The MCC Plaza is defined as the public realm surrounded by Marion Cultural Centre (MCC) to the east, South Australian Aquatic and Leisure Centre (SAALC), Centrelink and GP Plus to the west. Located to the south is Westfield with pedestrian and vehicle connections along Warracowie Way and Milham Street.

The Plaza redevelopment (Please see Attachment 4: MCC Plaza Design) provides an opportunity to create an active public realm that enhances the Regional Centre as a destination, supporting community activities, social engagement and the visitor economy. The proposed development builds on Council's \$5 million investment in the area which includes the recent development of Dwyer Rd Reserve and streetscape improvements that enhance community connections to public transport and the regional centre.

Construction of the plaza is scheduled to commence January 2024 and be completed in August 2024.

2. BACKGROUND

2.1 Commissioning Agent

The City of Marion is a local government area located in the southern suburbs of Adelaide, South Australia. It is one of the state's larger metropolitan councils covering an area of about 55 km sq. and is located 10 km south of Adelaide stretching from the Glenelg tramline in Glandore to the coastal suburb of Hallett Cove.

Our population of over 96,000 residents is showing healthy growth, due in part to overseas migration which welcomes newcomers from countries such as the United Kingdom, India, China, the Philippines, the eastern countries of Africa and many others.

The City of Marion is a place characterised by diversity and change. Seven kilometres of rugged and beautiful coastline, hundreds of hectares of open space and bushland lie side by side with modern suburban development.

For further information on the population characteristics of the City of Marion and to understand how the area has changed over time, please refer to [Community Profile](#) (Australian Bureau of Statistics).

2.2 History of Marion

The City of Marion acknowledges we are situated on the traditional lands of the Kurna people and recognises the Kurna people as the traditional custodians of the land.

European settlement dates from 1838 when the Village of Marion was laid out.

Land was used mainly for farming, particularly vegetables, almonds, stone-fruits and grapes. There were also mining, quarrying and brick-making industries. Some growth took place from the 1880s into the early 1900s, spurred by the establishment of cement manufacturing in Seaclyff Park in 1882. Much subdivision took place in the 1920s, aided by the construction of the tramway and railway line, with housing mainly in the areas closest to the tramline and railway stations. Significant residential development occurred during the post-war years, aided by industrial growth and public housing construction.

2.3 Marion Cultural Centre

Originally designed in 2001 by Melbourne architects Ashton Raggat McDougall (ARM) in collaboration with the Adelaide studio of Phillips/Pilkington Architects, the award-winning Centre was created as a cultural meeting place for the community of Marion. The distinctive façade incorporates the word 'Marion' into its external features and the State Heritage listed building representing post modernism through semiotic (signs and symbols) language weaved throughout.

The Centre is home to Domain Theatre, Gallery M, Venue Spaces, Library and café.

Please see Attachment 1 for an early Marion Cultural Centre Architectural brochure

2.4 Marion Cultural Centre Plaza Redevelopment Vision and Principles

Vision

Sense of place

Creation of spaces that explore Council's community vision of liveable, valuing nature, engaged, connected, innovative and prosperous.

Flexibility of functional use

Create a vibrant space that can adapt for various functional needs. A space that offers respite and relaxation, circulation and access to surrounding facilities, whilst accommodates opportunities for varied scaled events.

Enhanced amenity

Integrate green space comprising of trees, lawn and passive recreation spaces supporting environmental benefits, comfort and extended public dwell time.

Community connections

Strengthen connections to broader precinct for pedestrian and cyclists whilst managing vehicle movements and access requirements. Key considerations are to enhance connections between public transportation and community facilities within the precinct.

Design Principles

To enhance activity, amenity, and accessibility to and within the precinct the following design principles were considered in the overall plaza redevelopment concept plans:

1. Improve pedestrian and cyclist connectivity, amenity, and safety through the subject area for linkages between the local residential areas, the Oaklands Railway Station, MCC, SA Aquatic and Leisure Centre (SAALC) and Westfield and other facilities on Milham Street.
2. Develop a plaza that can be utilised for community events and provide improved amenity for community use between the MCC and the SAALC with due consideration of events planning requirements.
3. Retain vehicle access to existing business and community facilities within Milham Street, whilst minimising the speed of traffic through urban design initiative such as pavement art works and landscape features.

2.5 Project Schedule

Construction of the Plaza is expected to be completed in August 2024. The projected timeline for procurement, installation and completion of the pavement murals will be as follows:

- Expressions of Interest open for project – 27 November 2023
- Expressions of Interest close – 3pm, 08 January 2024
- Up to three (3) artists/artist teams shortlisted to concept design stage – Week commencing 22 January 2024
- Concepts due – 3pm, 19 February 2024 (Hold Point)
- One artist/artist team Commissioned for project – Week commencing 04 March 2024
- Design Development –due 3pm 25 March 2024
- Pavement mural installation period (to be coordinated with City of Marion and main contractor) – Between April and August 2024 with coordination with main contractor. Note the road pavement will need to be accommodated while the road is closed to vehicle access and sufficient curing time prior to opening.

*** Note main civil and landscape contract award for the construction of the Plaza is anticipated to be mid to late January. Council staff will facilitate a site meeting upon artist engagement for coordination of works and support design development.**

3. PROJECT SITE AND THE ARTWORK

The Plaza is owned and maintained by the City of Marion.

Pavement Murals

- The opportunity is for 2 x pavement murals:
 - Central gathering space approximately 10m x 5m (50m²). However, there is the opportunity for the mural concept to spill out beyond and link to other areas of the plaza space, noting the mural can't infringe on the zebra crossing due to technical road traffic management standards.
 - Road link to Westfield south of Milham and Warracowie intersection approximate area to be considered for at works 240m² noting not all the area is required to be covered with art works.
- The proposed pavement mural locations are situated at a key entry node of the plaza and streetscape, indicated by the outlined orange areas in [Attachment 2: Site location plans](#);
- The pavement mural(s) will be integrated via a surface treatment, for example a design overlay or imprint such as StreetBond, Tredprime, DuraTherm, Rhino Top or other non-slip paint ([Please see Attachment 3: Indicative examples and surface treatments](#));
- Artists/artist teams are strongly encouraged to visit the location, do their own exploration and research of the locality to obtain an appreciation of the site to inform concept designs.

3.1 Concept for artwork

Council is keen for artists to exercise artistic expression and innovation with the pavement mural, while referencing the specific aspirations for a public artwork as articulated below.

The aim of the artwork is to:

- complement and expand (not compete with) the cultural language and appreciation of the precinct and state heritage listing of the building by considering the diversity of the City, its cultures and what the space represents in terms of social engagement;
- develop a point of connection and movement through the precinct and create a sense of place;
- be an opportunity to activate the plaza and entry/exit at a street level;
- provide a strong artistic mural for the area;
- appeal to diverse audiences while maintaining excellence in contemporary art practice.

Themes, approach, and function for the artwork:

- consideration and appreciation of the State Heritage listing of the building;
- consideration of the colour palette adopted in the plaza redevelopment and wayfinding signage;
- exploration of the connection between the architectural language of the building and site through iconography;
- weaving the ideology of the cultural centre and plaza functions into the pavement mural;
- an integrated precinct-wide approach with the concept design of the building and plaza.
- opportunity for indigenous representation by way of exploring storylines and connection to country. The opportunity exists for a Kurna artist to be engaged to explore these concepts.

3.2 Practical Considerations: Maintenance, Materials and Fabrication

Any physical aspects of the work will need to:

- be made of durable, robust, high quality and low maintenance material, appropriate to achieving the artists' concept;
- be of relevant scale to the selected site(s);
- be easily cleaned to remove dirt, general grime and graffiti;
- be suitable in the public realm;
- comply with all relevant Australian Standards, building codes and codes of practice;
- comply with slip resistance criteria for pedestrian and vehicular movement
- comply with all necessary health, safety and environment practices;
- to have a life span of minimum 15 years;
- consider supply, curing and installation times.

Please note: the City of Marion has a commitment to environmental sustainability and corporate responsibility. The use of materials and fabrication that minimises use of resources, improve energy efficiency, minimise waste and support circular economy outcomes will be seen as preferable to the success of this project.

The successful artist/artist team will be required, at concept design stage, to provide an indicative Maintenance Manual on the work and include a Schedule of Maintenance for the life of the work.

3.3 Copyright

The copyright for the artwork will remain at all times with the artist.

The artist warrants that the concepts and artwork is not copied wholly or substantially from any other party's work or material, nor does it breach any third-party rights.

The artist grants to the Commissioning Party the right to use the Work for organisational purposes such as, but not limited to documentation, marketing and promotion.

In the event that the mural/s is planned to be decommissioned, Council will make reasonable attempt to contact the artist to notify them of the decision to remove the work.

4. BUDGET

The total available budget for this project is **\$38,000** (exclusive of GST). Up to three (3) artists/artist teams will be paid \$1,000 each for concepts, with the remaining amount of \$35,000 to cover all costs associated with delivery of the murals. This may include but will not be limited to:

- site preparation, clean-up, and remediation;
- materials (paints, brushes, stencils etc);
- equipment and hire;
- artist and consultancy fees (including project management, meetings etc) and travel;
- permissions and costs for image use (if required);
- transport;
- insurances and certifications;
- installation of the murals;
- artist and Council attribution.

Details to be confirmed at the concept design stage of the project.

5. STAKEHOLDERS

City of Marion

The City of Marion is commissioning the work.

The artwork, located within a civic space, and accessible by the local community, visitors and families from diverse demographics, should be welcoming, reflect inclusivity and be respectful of the environment and general public context.

6. COMMISSIONING PROCESS AND TIMELINE

6.1 Stage 1 – Expressions of Interest (EOI)

All enquiries regarding this project are open from Monday 27 November and close Monday 18 December 2023. All enquiries MUST be made during these dates.

Artists are invited to submit Expressions of Interest (EOI) in the project by 3pm, Monday 08 January 2024.

No late submissions will be accepted.

Enquiries to:
Brett Grimm
City Activation, Senior Advisor
City of Marion
Email: brett.grimm@marion.sa.gov.au
Phone: 8375 6634

EOI submissions are to be emailed to:
Joyce Louey
Public Art and Place Coordinator
City of Marion
Email: publicartandplacemaking@marion.sa.gov.au

Please note: To ensure equity of information, artists are requested to direct all enquiries regarding this EOI process to Council's nominated contact person above.

EOI submissions must be submitted as one PDF document, maximum file size 10MB and include:

1. a cover letter indicating availability to meet the project timeframes;
2. a written response to the Artist Brief, including an indication of concept approach for your proposed design, site characteristics and additional assessment criteria;
3. artist's curriculum vitae (CV), no more than 2 pages each including contact details of at least two referees that can speak directly to your previous relevant work;
4. up to 10 jpeg images of relevant previous work*:
 - written description of images indicating dates, materials, dimensions, location, indicative budget, commissioner and collaborative partners as relevant;
5. a copy of current insurance details;
6. any other information or support material which addresses the assessment criteria below.

* High quality images, are an important part of the EOI, and are essential for the Panel to best assess the submission.

Please Note: Concept designs are not being called for at this stage, however sufficient information to provide clarity on the appreciation of the project and site opportunities to be explored.

6.2 Expressions of Interest – Assessment Criteria

Applicants will be evaluated against the following assessment criteria and nominated weightings to be shortlisted to the concept design stage. The Project Reference Group will select those who most clearly demonstrate the following criteria in their submission. It is in your interest to consider each criterion and helpful for the panel if responded to in the order presented:

1. artistic merit and innovation as evidenced in the visual material provided;
2. an indication of concept approach regarding creativity, aesthetic, respect for the public artwork themes, inclusions and outcomes intended for the site and practical response to artist brief;
3. demonstrated ability to create work that engages with a broad public;
4. previous relevant experience in the public realm;
5. evidence and demonstrated ability to work on permanent and durable work as prescribed in the brief;
6. evidence and demonstrated ability to work on a project of this nature within timelines and budget;
7. knowledge of health and safety issues in the design and construction of public artworks;
8. current certificate of public liability insurance (\$20 million), relevant training qualifications (ie white card) and certifications for working at elevated heights (i.e. licence to operate an EWP);
9. South Australian/Adelaide based artist/artist.

Expressions of interest will be assessed by the Project Reference Group (see 7.2).

Subsequent to being shortlisted, the artists must be able to undertake concept design development and installation of the work within the project timelines once the relevant approvals have been given.

6.3 Stage 2 – Concept Design Development

Up to three (3) shortlisted artists/artist teams will be engaged to develop a concept design proposal.

The selected artists/artist teams will be required to submit their proposals, indicative maintenance schedule and indicative budget to the Project Reference Group.

Concept Design Proposal due 19 February 2024 (Hold Point)

6.4 Concept Design proposal

The concept design proposal will comprise:

1. a statement of artist intent explaining the concept and artistic approach relevant to the context of the place;
2. annotated concept drawings and sketches as required, showing the proposed artwork in situ in order to convey the concept, scale and different viewpoints from different directions. This is to be presented in a professional and artistic manner;
3. reference to materiality proposed and construction techniques;
4. project budget outlining all costs associated with project implementation, including artist's fees, materials, equipment, project management, installation, and other associated costs;
5. an indication of the preferred approach to project management, should the proposal be commissioned, including the approach to payment and administration of funds;
6. an indication of any known ongoing maintenance requirements associated with the proposal;
7. an indication of availability during the project timeline for implementation;
8. an indication of other consultants (if any) to be used to bring the project to fruition.

The successful proposal will need to be approved, during the concept design stage by City of Marion.

All parties need to be satisfied that the proposal is achievable within the budget available.

Concept proposals and other relevant support material should be provided at the time of the Concept Design Proposal submission.

6.5 Concept Design Proposal – Assessment Criteria

Assessment of the concept design proposal will consider the aesthetic, conceptual and technical expertise demonstrated in the proposed work.

Consideration will be given to the:

1. originality. As a new commission, existing artworks will not be accepted as part of an artist's concept design proposal;
2. artistic merit of the proposed concept;
3. concept relevance to the surrounding environment and the community it serves, reflecting the local diversity and history of the site;
4. ways in which the concept meets the requirements of the artist brief;
5. ability of the artwork to communicate its concept and underpinnings;
6. aesthetic response to the site and brief;
7. technical response to the installation of works on site including indicative SWMS;
8. budget;
9. timeline;
10. consideration of sustainable environmental outcomes;
11. response to public safety and risk management;
12. proposed maintenance of the artwork (whole of life costs), robustness and durability.

All work presented is to be of high professional and artistic quality that clearly conveys the design.

Selected artists must be available to coordinate installation of the work once the relevant approvals have been given and within the specified timeline.

6.6 Stage 3: Commissioning and Installation

Following Concept Design, schedule of works, approvals and safe work practices (SWMS), the artist will install the mural on site. Installation must be coordinated between the artist and Council, in consultation with the lead construction contractor for site access during the main contracted works Council staff will facilitate a site meeting to coordinate site preparation and curation times of works.

It is a condition of this Commission that the successful artist and any sub-contractors will hold Public Liability Insurance to the value of \$20 million, White Card certification (as required), Workers Insurance coverage during the installation of the artworks. The artist and any sub-contractors will need to undergo an induction onto the site prior to any work undertaken.

The artist must ensure the work is of high production standard and workmanship. Council staff, along with appropriate experts (as required) will undertake an inspection for any defects and concept compliance before handover.

A final Maintenance Manual and Schedule must be provided by the artist as part of the handover of the artwork.

6.7 Project Timeline *

Date	Action
27 November 2023	Call for Expressions of Interest
3pm, 08 January 2024	Close Expression of Interest
Week commencing 22 January 2024	Expression of Interest Assessment, selection of up to three (3) artists/ artist teams engaged to develop concepts
Week commencing 29 January 2024 (date tbc)	On site briefing for shortlisted artists to develop concepts
19 February 2024	Concept Design proposals due
23 February 2024	Concept design presentation to Project Reference Group
	Scheduled Hold Point
Week commencing 04 March 2024	Commission artwork to be installed
May - August 2024 (tbc)	Install approved concept - (subject to main contract works schedule)
August 2024	Practical Completion and Remedy Defects
August 2024	Completion of project

* Indicative schedule

7. PROJECT MANAGEMENT (COMMISSIONER)

7.1 Project Team

The project will be managed by the Public Art and Place Coordinator, City of Marion.

7.2 Project Reference Group

Will comprise a blend of:

- Public Art and Place Coordinator, City of Marion;
- City Activation, Senior Advisor, City of Marion;
- Representative from Marion Cultural Centre; City of Marion;
- Other representatives as required.

7.3 Role of the parties in the project

- The Project Reference Group will shortlist artists/artist teams from the EOI to undertake Concept Design Development;
- Project Reference Group will assess the concepts and recommend for endorsement;
- Project Sponsor to provide all necessary approvals to progress through project stages;
- The Project Reference Group will also assess the recommended design proposal in relation to practical issues, such as risk management and public safety;
- Once all the necessary approvals have been provided, the artist will be commissioned to install the artwork.

7.4 Council's Rights

Council reserves the right to amend, vary, supplement, postpone or not proceed with this project.

8. APPENDICES

- Attachment 1: Marion Cultural Centre Architectural brochure
- Attachment 2: Site Location Plans
- Attachment 3: Indicative examples of ground mural applications
- Attachment 4: MCC Plaza Design

CHECKLIST - EXPRESSION OF INTEREST

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Enquiries to Brett Grimm, brett.grimm@marion.sa.gov.au // 8375 6634
Enquiries close 18 December 2023

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Expression of Interest submission includes all elements mentioned in Stage 1 Section 6.1;

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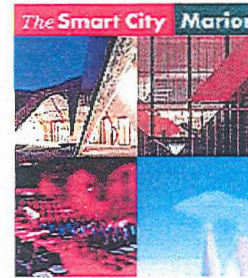
Expression of Interest submission addresses all Stage 2 Criteria in Section 6.2;

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Expression of Interest submission is one PDF document with maximum file size 20M;

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Expression of Interest submission emailed to publicartandplacemaking@marion.sa.gov.au
EOI closes 3pm on 08 January 2024



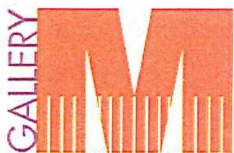
MARION CULTURAL CENTRE



Library features include:

- Internet PC Access
- Visitor and Tourism Information service
- Imaging service
- Large print editions
- Magazines
- Videos
- DVD's
- CD-ROMs

Gallery M



Located at the western end of the Centre, Gallery M has been designed as a category 'A' arts facility with minimum intrusion of office areas and workspaces. The large overall floor area provides a wide range of exhibition and display options. Moveable screens allow further flexibility and can create separate exhibition areas within the space.

A gallery shop occupies an open area screened from the rest of the Gallery space and offers a wide range of original, quality pieces for sale at affordable prices. All shop items are made by local South Australian artists. A general-purpose storage area and an area specifically designed for the care and storage of artworks also forms part of the gallery complex.

The category 'A' status gallery has approximately 76 metres of hanging space and is fitted with an advanced system of climate control and a specialised lighting and hanging systems. This 'state of the art' facility is the ideal setting for both local and touring art exhibitions. For further information, contact the Gallery M Co-ordinator Julie Pritchard on 8377 2904

Gallery M Hours: Monday to Friday 11am - 4pm;
Saturday 12 noon - 4pm; Sunday 1 - 4pm
Closed public holidays

Gallery M is proudly operated by the Red House Group on behalf of the City of Marion.



A City of Marion Cultural Development Project

Information on exhibitions and gallery shop is available from Gallery M:
Tel. (08) 8377 2904, Fax 8377 3241, or email gallerym@marion.sagov.au

Meeting Rooms

Designed with the needs of both community and corporate clients in mind, the Marion Cultural Centre's adaptable and functional spaces create a perfect environment for small and medium sized meetings.

Meeting facilities include:

- Audiovisual equipment
- Data projector and screen
- Electronic whiteboard
- Flip charts
- Internet access
- Telephone access

The Centre's largest meeting room, the Sturt Room, will seat up to 20 in boardroom configuration, up to 36 in classroom configuration and accommodate up to 50 for cocktail functions. Our second meeting room can be divided into to intimate spaces or function as a larger meeting room for up to 18 people.

To hire meeting rooms: Tel 08 8375 6790

Signatures Cafe



Offering innovative contemporary Australian cuisine, Signatures Café is a wonderful area to sit and relax while enjoying the latest programming available on the big "Square Eyes" screen, or reading a novel borrowed from the Marion Library.

Daily blackboard specials, Seniors Card specials, and phone orders are available.

Functions

Signatures Café provides full catering facilities from intimate functions to fully themed banquets and events. Our dedicated catering team specialize in creating unique events in the many function spaces available within and outside the Centre.

We can cater for:

- Weddings
- Dinners
- Luncheons
- Product Launches
- Parties
- Any celebration



Opening hours are 10am - 4pm Monday to Friday, 10am - 4pm Saturday, and 1pm - 4pm Sunday.
Bookings and further information: Tel. 8375 6841 or Fax 8375 6794.

Foyer



This is a flexible, split-level, open space and the hub of the Centre's three other functional zones with links to the outside plaza space. With a floor area of approximately 200m², it can operate as simply a main lobby, or as:

- a café area with partial or full exposure to the Plaza, or
- a performance area with the steps providing an informal amphitheatre, or
- a function area

Evaporative cooling in summer and gas heating during winter provide a pleasant 'comfort-zone' with abundant sources of natural, shaded light via glazed doors facing the Plaza. A wide stairway and access ramp connects the different levels, ensuring easy access for people with disabilities.

The Plaza

"The Plaza has been designed as a simple and 'timeless' contemporary space making for a flexible and inviting community gathering place."

The two main elements of the Plaza are the undulating lawn and the band of paving slate that intersects the area, interpreting a creek bed pattern flowing from hills to sea.



Landscaping themes are also designed to be simple and contemporary, incorporating tree species that reflect pioneer agricultural settlement of the Marion district as well as recalling the location's earlier role as the site of Warracowie House. Spotted gums will blend with locally identifiable red and lemon scented gums that dot the Westfield precinct. Outer landscape elements are stone/slate seating-retaining walls. Garden areas are simple, low maintenance and water efficient.

Further information on any of the Centre's facilities is available from Marion Cultural Centre: Tel. (08) 8375 6790, Fax (08) 8375 6794, or email mcc@marion.sa.gov.au

3. Marion Cultural Centre Facilities

Facilities

"The Marion Cultural Centre is made up of a number of independent yet interconnected zones providing staff with well-ordered and functional work spaces and patrons with a wide range of up-to-date facilities designed to satisfy the current and future needs of the Marion community."

Domain Theatre

Domain
theatre

Contemporary, unique, adaptable, and intimate, the modern, multi-purpose design of the Domain Theatre creates a wonderful sensory audience experience. Adaptable to a wide range of configurations, the Domain Theatre is ideal for events ranging from theatrical or musical performance to product launches, banquets, film screenings, seminars, meetings and conferences.

Features include:

- Comfortable seating for 40 to 280 people with excellent sight lines
- Suitability for small or large audiences
- Modular staging
- Movable proscenium curtain system
- Sprung timber flooring
- Large projection screen
- 500w sound system
- Theatre lighting
- AV/Multimedia capability
- Professional dressing rooms
- Box Office facilities



Check local newspapers or www.marionculturalcentre.com.au for details of events. Tickets may be purchased through the Box Office on 8375 6855. To hire the venue, call 8375 6790.

Marion Cultural Centre Library



The Marion Cultural Centre Library is a modern and exciting new facility with an impressive range of services and activities delivered by friendly and helpful staff. The library features state of the art computer facilities, print and online materials, tourism information and an extensive range of programs and events for young and old.

The Library operates 7 days per week and receives over 600 visitors each day.

2. Marion Cultural Centre - Environmental Features

Environmental Features

"From day one, we have set out with the intention of designing the building as a best practice model of Environmentally Sustainable Design (ESD). We've computer modeled the building's thermal performance during the design process to ensure it meets our goals in this area."

Architect, Ian McDougall

Active and Passive Energy Features

The Marion Cultural Centre incorporates a range of features that reflect the Marion Council's strong commitment to the principles of environmental awareness and energy efficiency. They include:

- A gas boosted, solar hot water system
- Water efficient fixtures and fittings
- Maximised use of natural lighting where appropriate
- Energy efficient artificial lighting and an integrated lighting management system
- Application of energy efficient passive design principles featuring:
 - verandahs
 - sun-shading
 - thermally efficient glass
- Economy-cycle air conditioning, night purge, and low-energy evaporative systems for foyer and cafe areas
- Water-efficient, low maintenance external landscape features using native grass, shrub and tree species
- An enclosed recycling area

"The latest technologies in computer modeling have ensured that the energy and environmental properties of materials are consistent with the overall design philosophy and functionality of the building."

Treatment of Stormwater

Stormwater from the roof of the Cultural Centre and from its car park is captured in a series of underground filter and detention tanks for aquifer recharge and subsequent recovery for use in toilet flushing.

The process filters stormwater through a 'Unisitank' stormwater filtering system, developed by the Urban Water Resources Centre at the University of South Australia. This is the first practical application of this system and Marion Council has worked closely with the system's developers to modify it to meet Council's other environmental goals regarding stormwater detention and aquifer recharge. A 50m deep borehole has been drilled to take the filtered stormwater to the tertiary aquifer below the site.

4. Marion Cultural Centre Services

Services

"As well as a focus for the visual and performing arts, the Marion Cultural Centre offers a wide selection of first-class venues and flexible spaces ideal for meetings, displays and presentations, allowing the Centre to address a the full range of community needs."

Functions

Marion Council and Cultural Centre management invite community groups, local businesses and other interest groups to share in this exciting facility. The Centre has a range of venues to cater for activities from formal 'black tie' occasions to informal celebrations and community get-togethers including weddings, dinners, product launches, and parties.

Information regarding bookings, costs and capacity, as well as technical, catering and service support is available from Centre management on:

Tel. (08) 8375 6790, Fax (08) 8375 6794 or by email: mcc@marion.sa.gov.au

Meetings

The Centre is able to offer a choice of meeting rooms catering for a wide variety of general and special interest groups, businesses and local enterprises. The Marion Cultural Centre welcomes enquiries from organisations and businesses interested in hosting promotional events and seminars.

Booking arrangements and details are available from Centre Management on:

Tel. (08) 8375 6790, Fax (08) 8375 6794 or by email: mcc@marion.sa.gov.au

Performance Space

Performance spaces are in abundance at all points in and around the Cultural Centre. The Domain Theatre is the focus of larger events in the performing arts while the foyer, café and the Plaza offer inviting and innovative settings for small-scale performances of music, song and dance. Community and school-based displays, book launches, children's festivals, competitions, solo performances, and street theatre are a just a few of the activities that bring the Centre 'to life'.

Bookings and further information from Centre Management on:

Tel. (08) 8375 6790, Fax (08) 8375 6794 or by email: mcc@marion.sa.gov.au

Exhibitions

The Centre's category 'A' gallery, Gallery M, is a focus for the visual arts in Adelaide's south. The gallery offers a flexible space capable of accommodating a variety of local, national and international exhibitions with up to 76 metres of hanging space available. The foyer, Plaza and Signatures Café also offer a variety of backdrops for the display of visual arts, product displays, and promotional events - at the discretion of the Centre Management.

Details on exhibitions and shop sale items are available from Gallery M:

Tel. (08) 8377 2904, or by email: gallerym@marion.sa.gov.au

5. Marion Cultural Centre – A Published Article

The following article appeared in the City of Marion's magazine "City Limits" (Spring 2000):

MARION CULTURAL CENTRE

Ashton Raggatt McDougall & Phillips/Pilkington Architects in Association

The region is diverse and changing. The idea that there is a singular existing element or icon that could represent Marion is not realistic. Indeed the one focusing, and enduring, characteristic of the region that is accessible to current locals, to future generations, to visitors and to those who may never actually visit but who will connect with the site, is its name - MARION. This has been one of the key foundations on which we have built our design.

How can a new public building compete with the commercial monolith of Westfield?

One of the first issues in designing the new Cultural Centre for Marion Domain is the dominant presence of the Westfield Marion Shopping Centre. Having established that locating the MCC adjacent to the Shopping Centre brings potential attractions and positive interactions, we must address the potentially negative visual impact of our massive neighbour. The new public building must establish an identity and significance that is separate and appropriate without being overshadowed by Westfield. The new centre is not big, being single storey, and is a long low shape. This shape best fits the functional diversity of the building (this will be discussed below) and matches the need for a cost effective building, but this profile actually works against its presence.

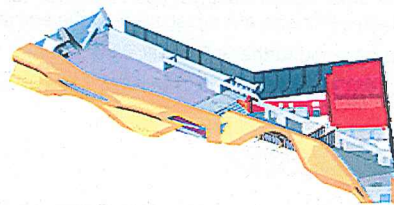
In the 19th century, public buildings established their importance through vertical scale and through a profusion of decorative trims and words, predominantly on their street facades. The success of these techniques is still acknowledged - most people still find these old town halls and libraries valuable and attractive buildings. The symbolic language of classical or gothic architecture is no longer understood but the techniques still hold lessons.

We have addressed the issue of presence in a similar way. By utilising the word MARION, and by making a large sign of part of the word, we make an initial impact that gives the building a sense of bigness without it being big. This strategy is both within the tradition of the crests and labels of older public buildings and the commercial environment of signs and advertising, except that in this case one façade is all sign.

Giving Marion a presence within Greater Adelaide and Nationally

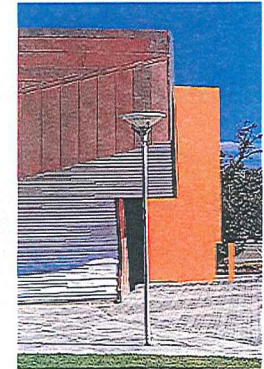
One of the primary ambitions for the project has been to establish the Cultural Centre as the Heart of the Domain and, in turn, of Greater Marion. To create such a heart, a broad spectrum of the community must recognise the Centre as significant. Significance is established through difference, through memorable occurrences and through visibility.

The intent is to produce an environment that projects a positive future blending technology, information, culture and civic service. This would be done in an atmosphere that recognises the traditions of the region.



Interpretations and Rationale

The 'MAR' façade addresses issues of presence and initial impact. The design is bold and unfamiliar when first viewed, but features like the verandah edge make the building familiar close up. Design features of the Centre also replicate the meander flow of the Sturt River, which flows nearby. These features are evident in the curved profile of the building's northern verandah and in the patterning and layout of external paving. The river signifies life to the Kaurna people, the area's indigenous custodians, as well as suggesting the meeting and merging of western and indigenous cultures and the flow of information and ideas that symbolise learning and community.



The elongated form of the building follows the 'strip shop' topology of the traditional 'High Street' and encourages the use of the Plaza space. As the zone of primary circulation, the Plaza allows the shop, café, gallery and library to all be independently accessible. It means each facility is able to offer independent opening hours while still being linked externally. The Marion Cultural Centre Library is a major internal feature and occupies an elevated position offered by Warracowie hillock, providing the building with a sense of prominence and an interconnection with Westfield.



Design Summary

The Marion Cultural Centre has been designed as a contemporary, public building, which allows for the flexible distribution of workspaces and service areas that can be readily updated as needs dictate.

This has resulted in an open, airy building which follows the traditional building styles associated with shed and warehouse construction.

The architects have been mindful of this cultural link in the selection of materials and finishes and the external features of the Plaza.



Other Features

The incorporation of the 'I', 'O' and 'N' to complete the building's 'signature' represent an exciting opportunity for sculptors and artists.

The 'I-con' in particular is a dramatic highlight on the Centre's, northeast corner. The 8-metre twin-vertical, metal structure is an eye-catching feature.

The 'O' is formed from the garden border by large rocks set in the northern lawn and an upright, steel-framed 'N' provides a lattice support for vines and climbers next to the Plaza entrance.

These features emphasise the Centre's special identity with Marion and its community

1. Marion Cultural Centre - The Building Design

The Building Design

"The building establishes its significance through its difference and its visibility while at the same time creating an environment that projects the positive results that are possible through the blending of technology, information culture and civil service."

The Architects

Award winning, Melbourne architects, Ashton, Raggatt, McDougall Pty Ltd teamed with Adelaide architectural firm, Phillips/Pilkington as the entity PP+ARM to design Marion's Cultural Centre.

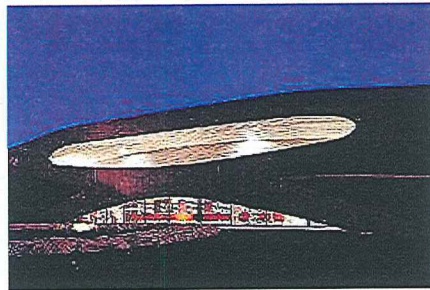
ARM's Principal, Ian McDougall was President of the Victorian Chapter of the Royal Australian Institute of Architects.

The building was completed in 2001.



PP+ARM were linked with project managers, sub-consultants and the Marion Council via the Internet ensuring tight and responsive management during the Centre's critical construction phase. This aspect of the project placed the construction of the Marion Cultural Centre at the leading edge of project management.

The architects saw the diverse and changing nature of the Marion area as both an obstacle and an inspiration in settling on the final design. The absence of a singular identifying element or icon for the area meant the only connecting theme for both residents and visitors was the name of the district itself - MARION.

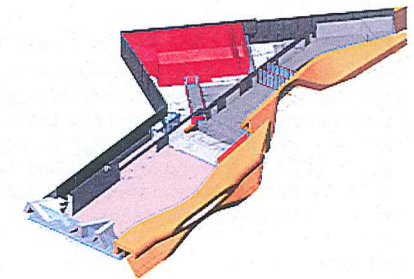


The architects saw this as the most appropriate means of applying a design which would best provide a 'cultural 'heart' for the Marion community.

Another issue was establishing identity and significance for the Cultural Centre given its close proximity to Westfield. Incorporating the 'MAR' on the Centre's Diagonal Road facade was seen as a way of giving the building both an identity and a presence and provides a point of interest given the building's single-level, elongated form. Other design issues were associated with specific elements of the locale. These included the natural and cultural aspects of the nearby Sturt River, the elevated presence offered by the Warracowie hillock and the traditional forms of retail typography represented by 'strip shopping'.

There is a remarkable story of the city of Bilbao in Spain and how, by building the extraordinary Guggenheim Museum in 1998, the city became a world art centre and tourist attraction. The story is one in which the uniqueness of the building became an instant landmark, a must-see for international visitors and a beloved asset to the locals. We are not suggesting that we can match this important international art gallery, but the story is pertinent in the recognising that locations are sustained by the quality of their landmarks.

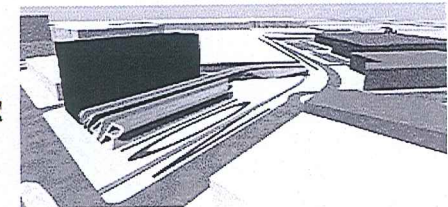
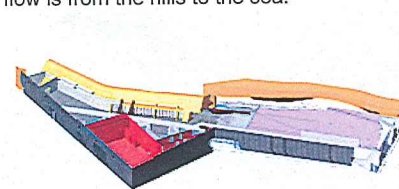
The philosophy of the Domain has already been established for a cultural showcase. The intent is to produce an environment that projects a positive future blending technology, information, culture and civic service. This would be done in an atmosphere that recognises the traditions of the region. The design must somehow encapsulate this vision of Marion as a technologically smart zone, in a striking and unique design. We have made it boldly unfamiliar when first sighted. But up close there are aspects, like the verandahed edge, that are more familiar.



Elements of the Locale

1. The River

The central concept for the building embraces the idea of an effluvium, a flow, a river, the Sturt River. The river is an idea that is meaningful in many appropriate ways. It signifies life to both Kurna, eastern and western cultures. It signifies learning, a flow of information and ideas. It has a locational significance in the history of the Marion area. The building is symbolic of this stream which flows right through the site but is visible at the building itself. The letters MAR can be seen as a source, while the flow is articulated by the roof lights, the floor pattern, the northern façade, the ceiling, the paving et al. The source, so called, is on Diagonal Road, while the direction of the flow is from the hills to the sea.



Another reading of this fluvial concept is that of the horticultural patterns of ploughing which will be signified in the internal and external plaza surfaces.

2. Strip Shops

The layout of the facilities in the Centre imitates the tradition of strip shops. This model of layout has been the main retail typology in Australian cities, rather than the mega shopping centre. The model encourages the use of the outdoor space, the Plaza, as the primary circulation. It does this in the same way as a standard street does. So the shop, gallery and café, and to some extent the library, are all independently accessible from outside, from the plaza, at the same time as being interconnected through the internal foyer. This facilitates 24 hour, 7 day usage, and allows for independent opening hours. This decision has meant a long low and narrow building shape, with three frontages:

- a) to Diagonal Rd
- b) to Milham Street, the 'line of shops'
- c) to the south facing Westfield.

Each façade is important and while generated from the central concept, is made different and distinctive, dependent on the different conditions.

3. Warracowie Hill

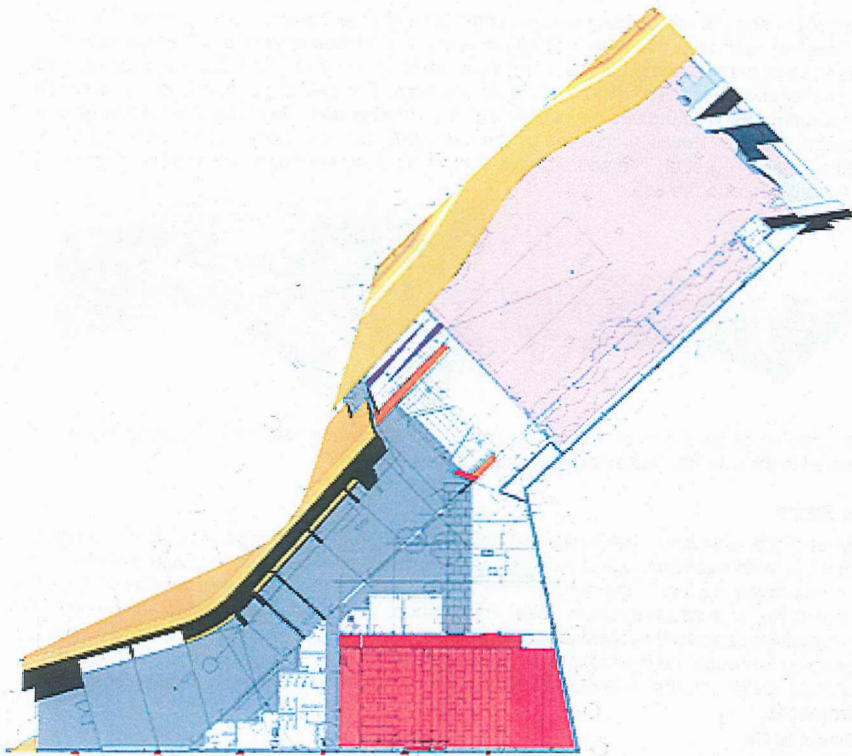
Having selected the site for its prominence and interconnection with Westfield, we have made the most use of the historic hillock by locating the building on the upper section and retaining the north facing slope as public landscaped space. The landscaping is integrated with the MAR sign to contain the ION, completing the key word. Internally, the knowledge centre or library is located on the higher ground, giving users the commanding point on the Domain.

Contemporary Buildings and the Future of Change

The rate of change in the function of buildings has meant that the old idea that form follows function is no longer possible. Most non residential buildings have become flexible spaces, shells in which loose-fit partitioning and services allow users to update their workspaces and service areas as needs demand. The design has been laid out to accommodate this model. The positive aspect of this is that it produces open and airy buildings. Light and spacious, these buildings tend towards the traditions of sheds and warehouses. We have been mindful of this tradition in the selection of materials and finishes.

Summary

Many variations have been produced to reach the current version of the design. Our method was to search for the scheme that best meets the functional and aspirational needs that the design brief and the community both seem to project.



Marion Cultural Centre - Getting There

Getting There

"As a focal point for community activity, the Marion Cultural Centre will be well-served by public transport."



A range of buses servicing Westfield Marion and adjacent suburbs 'loop' around the site travelling along Diagonal, Morphet and Diagonal Roads. Frequent train services depart and arrive at Oaklands Railway Station leaving a leisurely 10-minute walk to the Centre's 'front door.'

Contact Details: Information on Marion Cultural Centre's facilities is available from the Centre Office on Tel (08) 8375 6790 or Fax (08) 8735 6794, or by emailing mcc@marion.sa.gov.au

CONTENTS

1. The Building Design
2. Environmental Features
3. Centre Facilities
4. Centre Services
5. "City Limits" article: Spring 2000

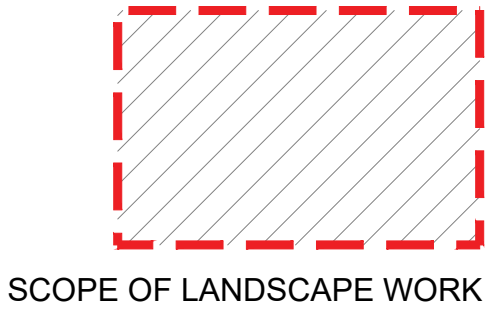
Attachment 2: Site Location Plans

MARION CULTURAL CENTRE PLAZA
LANDSCAPE DRAWINGS

PROJECT NUMBER: OS847.1

DRAWING REGISTER

DRAWING NO.	REV.	DRAWING TITLE
OS847.1_L_001	T1	COVER SHEET, DRAWING REGISTER & LOCATION PLAN
OS847.1_L_002	T1	SHEET LAYOUT
OS847.1_L_010	T1	LEGEND
OS847.1_L_011	T1	GENERAL NOTES
PLANS		
OS847.1_L_101	T1	EXISTING CONDITIONS PLAN 01
OS847.1_L_102	T1	EXISTING CONDITIONS PLAN 02
OS847.1_L_151	T1	DEMOLITION PLAN 01
OS847.1_L_152	T1	DEMOLITION PLAN 02
OS847.1_L_201	T1	GENERAL ARRANGEMENT PLAN 01
OS847.1_L_202	T1	GENERAL ARRANGEMENT PLAN 02
OS847.1_L_301	T1	MATERIALS AND SURFACES PLAN 01
OS847.1_L_302	T1	MATERIALS AND SURFACES PLAN 02
OS847.1_L_500	T1	PLANTING SCHEDULE
OS847.1_L_501	T1	PLANTING PLAN 01
OS847.1_L_502	T1	PLANTING PLAN 02
OS847.1_L_701	T1	LANDSCAPE SECTIONS 01
OS847.1_L_702	T1	LANDSCAPE SECTIONS 02
OS847.1_L_703	T1	LANDSCAPE SECTIONS 03
OS847.1_L_801	T1	LANDSCAPE DETAILS 01
OS847.1_L_802	T1	LANDSCAPE DETAILS 02
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OS847.1_L_812	T1	LANDSCAPE DETAILS 12



SCOPE OF LANDSCAPE WORK



LOCATION PLAN



NATIONAL OFFICE:
35 RAILWAY ROAD, BLACKBURN VIC 3130
E: INFO@1100.COM.AU

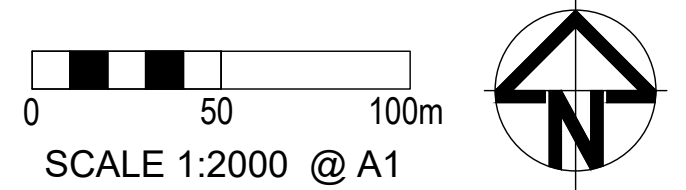
SA-NT:
6A, 128 FULLARTON ROAD, NORWOOD SA 5067
E: SA-NT@1100.COM.AU

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P6	ISSUE FOR COORDINATION	AZ	--	--	08/09/2023
P5	70% ISSUE	AZ	SR	KB	04/08/2023
P4	ISSUE FOR COORDINATION	AZ	SR	--	28/07/2023
P3	W.I.P. ISSUE FOR COSTING	AZ	SR	--	29/05/2023
P2	W.I.P. ISSUE FOR DRAFT COSTING	AZ	SR	KB	14/11/2023
P1	50% ISSUE	AZ	SR	KB	07/10/2022

Issue	Description	Drwn	Ckd	Appd	Date
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THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE SPECIFICATION.

THE CONTRACTOR AND THEIR SUB-CONTRACTORS SHALL VERIFY ALL DIMENSIONS, LINES, LEVELS AND EXISTING SERVICE LOCATIONS, PRIOR TO COMMENCEMENT ON SITE. PREPARATION OF DETAIL/SHOP DRAWINGS, AND FABRICATION OF CONSTRUCTION/BUILDING COMPONENTS.



OUTER SPACE

258a Rundle Street
Adelaide SA 5000

407-408 Nicholus Building,
37 Swanston Street,
Melbourne 3003
P 08 8223 3228
E admin@outerspace.net.au

Project
MARION CULTURAL CENTRE PLAZA

Client
CITY OF MARION

Drawing Title
COVER SHEET, DRAWING REGISTER & LOCATION PLAN

Status
TENDER ISSUE







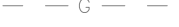
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Scale (A1)
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Drawn	AZ	Designed	SR	Checked	KB
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Drawing No.	OS847.1_L_001	Issue	T1
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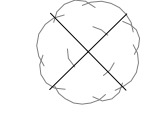
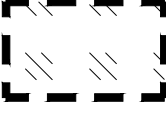
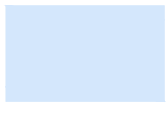






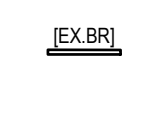
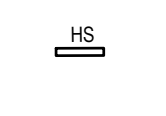
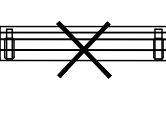
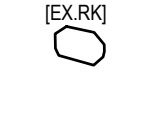
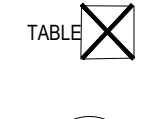



EXISTING SERVICES

	DRAINAGE PIPE LINE
	SEWER LINE
	WATER MAIN LINE
	ELECTRICAL CABLES
	COMMON SERVICE TRENCH
	GAS MAIN
	GAS MAIN TO BE REMOVED

PRELIMINARIES

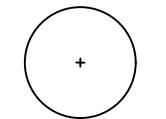
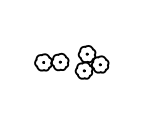
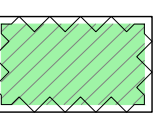
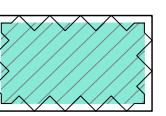

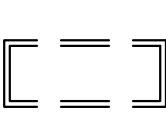


	EXTENT OF WORKS
	EXISTING TREES TO BE RETAINED AND PROTECTED
	STRUCTURAL ROOT ZONE REFER ARBORIST REPORT
	TREE PROTECTION ZONE REFER ARBORIST REPORT
	EXISTING BUILDING CANOPY ALL BUILDING ELEMENTS TO BE RETAINED AND PROTECTED UNLESS NOTED OTHERWISE.

DEMOLITION

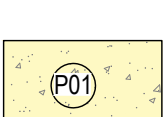
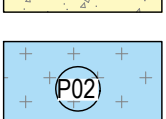
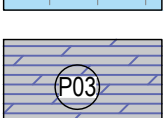

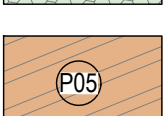

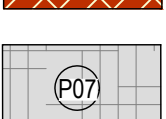
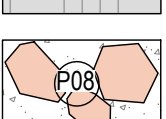
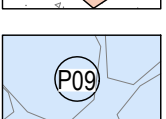


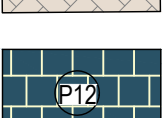


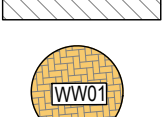
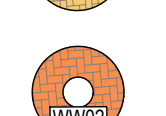
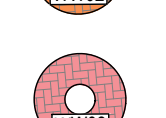
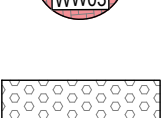

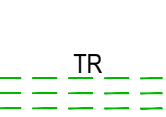


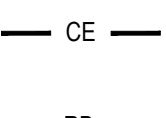
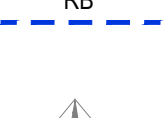

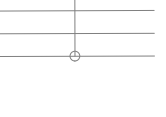
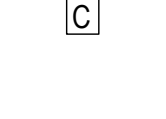
	EXISTING TREE TO BE DEMOLISHED GRUB ALL ROOTS
	SURFACE AND FEATURES TO BE DEMOLISHED
	EXISTING SLATE PAVING TO BE PROTECTED AND RETAINED DURING DEMOLITION. MAKE GOOD ANY TRENCHING OR EDGE TREATMENT.
	[UP] EXISTING UP LIGHT TO BE REMOVED REFER ELECTRICAL DRAWINGS
	[LP] EXISTING LIGHTING POLE TO BE RETAINED AND PROTECTED.
	EXISTING LIGHTING POLE AND ASSOCIATED FOOTINGS TO BE REMOVED.
	EXISTING SIGNAGE POST AND ASSOCIATED FOOTINGS TO BE REMOVED. POLE AND SIGN TO BE RETURNED TO CITY OF MARION DEPOT.
	EXISTING BOLLARDS AND ASSOCIATED FOOTINGS TO BE DEMOLISHED.
	EXISTING BOLLARDS TO BE RETAINED AND PROTECTED.
	[EX.BR] EXISTING BIKE RAIL TO BE SALVAGED AND REINSTATED
	[HS] EXISTING HAND SIGNAGE TO BE PROTECT AND RETAINED. LOCATION TO BE CONFIRMED ON SITE SHOWN INDICATIVELY ONLY
	EXISTING BENCH AND ASSOCIATED FOOTINGS TO BE REMOVED
	[EX.RK] EXISTING ROCKS TO BE RETAINED AND PROTECTED.
	EXISTING TABLE AND ASSOCIATED FOOTINGS TO BE DEMOLISHED.
	EXISTING WARRACOWIE WELLS ARTWORK PIECE #1 TO BE CAREFULLY REMOVED AND STORED FOR REINSTATEMENT. REFER SPECIFICATION.
	EXISTING WARRACOWIE WELLS ARTWORK PIECE #3 TO BE CAREFULLY REMOVED AND STORED FOR REINSTATEMENT. REMOVAL TO BE CARRIED OUT PRIOR TO TREE REMOVAL TO PREVENT DAMAGE. REFER SPECIFICATION.
	STORMWATER PIPE TO BE DEMOLISHED REFER CIVIL.

NOTE: REFER ENGINEER AND SERVICES DRAWINGS FOR
DEMOLITION OF ALL UNDERGROUND INFRASTRUCTURE,
STORMWATER PITS AND ELECTRICAL.

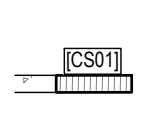
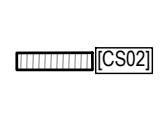
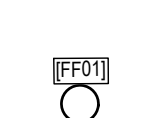
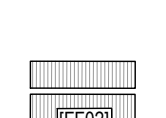
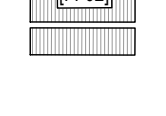




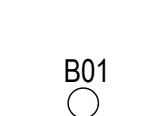



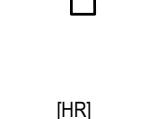
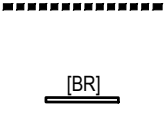
SOFT SURFACES

	PROPOSED TREE. REFER PLANTING PLAN & D01/L801.
	CLIMBING PLANTS. REFER PLANTING PLAN & D01/L801 AND D04/L801.
	IRRIGATED MULCHED GARDEN BED IN GROUND. REFER D02/L801 AND D05/L801
	RAIN GARDEN WITH FILTER MEDIA. REFER L809 AND ENGINEERING DRAWINGS.
	IRRIGATED TURF. REFER D04/L801 AND SPECIFICATION
	STRATAVAULT TREE PITS. REFER L703 & SPECIFICATION.
	SCOUR PROTECTION REFER L809
	MULCH ONLY





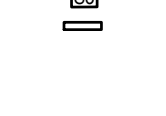
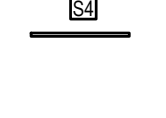




HARD SURFACES

	[P01] EXPOSED AGGREGATE CONCRETE. REFER ENGINEER DRAWINGS & LANDSCAPE SCHEDULE.
	[P02] COLOURED CONCRETE. SAWCUT AND MACHINE FLOAT FINISH. REFER ENGINEER DRAWINGS & LANDSCAPE SCHEDULE.
	[P03] MEDIAN INFILL CONCRETE REFER ENGINEERING.
	[P04] COMPACTED GRANULITIC SAND REFER D03/L801 AND CIVIL DRAWINGS.
	[P05] TIMBER DECKING. REFER L701, L803, D16/L804, D17/L804 & LANDSCAPE SCHEDULE.
	[P06] BRICK PAVING TYPE 01. REFER SETOUT D12/L802, LANDSCAPE SCHEDULE & ENGINEER DRAWINGS.
	[P07] ASPHALT REINSTATEMENT. REFER ENGINEER DRAWINGS.
	[P08] NEW SLATE PAVING IN EXPOSED AGGREGATE CONCRETE REFER D07/L801 & LANDSCAPE SCHEDULE.
	[P09] EXISTING SLATE PAVING TO BE RETAINED, PROTECTED AND RESTORED WHERE REQUIRED. REFER SPECIFICATION, CIVIL AND D06/L801
	[P10] BRICK PAVING TYPE 02 TO MATCH EXISTING ADJACENT
	[P11] INTERLOCKING ROAD PAVERS REFER ENGINEER DRAWINGS & LANDSCAPE SCHEDULE.
	[P12] CHARCOAL PRECAST PAVERS TO MATCH EXISTING ADJACENT. REFER LANDSCAPE SCHEDULE & ENGINEER DRAWINGS.
	STANDARD GREY CONCRETE, TROWEL FINISH. REFER ENGINEER DRAWINGS.
	PAVEMENT ARTWORK TO BE COMMISSIONED AND INSTALLED BY COUNCIL. EXTENT AND LOCATION TO BE CONFIRMED.
	[WW01] RELOCATED WARRACOWIE WELLS ARTWORK PIECE #1. REFER D32/L810, LANDSCAPE SCHEDULE, INFILL PAVEMENT & SPECIFICATION .
	[WW02] RELOCATED WARRACOWIE WELLS ARTWORK PIECE #2. REFER D33/L811 AND LANDSCAPE SCHEDULE.
	[WW03] RELOCATED WARRACOWIE WELLS ARTWORK PIECE #3. REFER D34/L811, LANDSCAPE SCHEDULE INFILL PAVEMENT & SPECIFICATION .
	TQSI PAVER REFER LANDSCAPE SCHEDULE.
	TK TIMBER KICK RAILS REFER D15/L803 AND D17/L804
	TR TRELLIS WIRE REFER L702 AND L808
	[RW 01] [RW 01] RETAINING WALL. REFER D22/L806, D23/L806, SPECIFICATION & SCHEDULE.
	CE CONCRETE EDGE. COLOUR: GREYSTONE EXPOSED (AS PER P01) FINISH: LIGHT WASHBACK REFER ENGINEER DRAWINGS FOR DETAIL.
	RB ROOT BARRIER REFER L703, L704 AND SCHEDULE
	RAMP. REFER TO L701, L803, D17/L804 & SPECIFICATION.
	STAIRWAY. REFER TO D08/L802, D09/L802, D10/L802 & SPECIFICATION.
	[C] IRRIGATION CONTROLLER. REFER TO DETAILS & SPECIFICATION.
	SE STEEL EDGE . REFER D35/L801.

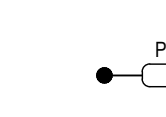
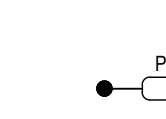
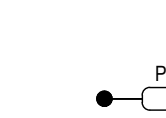
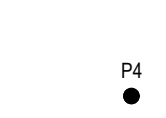

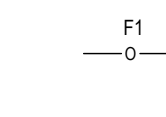
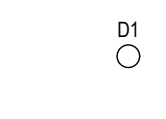


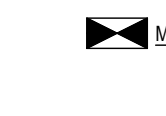



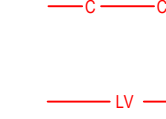

FURNITURE & FIXTURES

	[CS01] CUSTOM SEAT TYPE 01 - BENCH ON PLINTH WITHOUT ARM REST OR BACK REST. REFER SHEET L805 & LANDSCAPE SCHEDULE.
	[CS02] CUSTOM SEAT TYPE 02 - SEAT ON PLINTH WITH ARM REST AND BACKREST. VARYING LENGTHS, REFER DETAILED SETOUT PLANS SHEET L805 AND LANDSCAPE SCHEDULE.
	[FF01] FIXED DINING TABLE. REFER LANDSCAPE SCHEDULE .
	[FF02] PICNIC SETTING. REFER LANDSCAPE SCHEDULE.
	[FF03] 500mm POD SEAT/ BOLLARD . REFER LANDSCAPE SCHEDULE
	[FF04] HIGH TABLE SETTING. REFER D12/L802 & LANDSCAPE SCHEDULE.
	[BI] 240L RUBBISH BIN. REFER LANDSCAPE SCHEDULE.
	[DF] DRINKING FOUNTAIN WITH DOG BOWL. REFER LANDSCAPE SCHEDULE.
	[B01] ELECTRO MECHANICAL CONTRACTOR TO ALLOW FOR SITE SET OUT WITH SUPERINTENDENT SUBJECT TO SERVICE LOCATIONS. RETRACTABLE BOLLARD SPACED AT 1.8M. REFER L812, LANDSCAPE SCHEDULE & ELECTRICAL DRAWINGS.
	[B02] FIXED BOLLARD SPACED AT 1.8M. REFER SPECIFICATION AND SCHEDULE.
	[B03] DROP-DOWN BOLLARD SPACED AT 1.8M. REFER SCHEDULE.
	[GPO] GPO BOLLARD FOR BIKE RACKS REFER D19/L804
	[HR] SURFACE MOUNTED STAINLESS STEEL HANDRAIL REFER D08/L802, D09/L802, D10/L802.
	[BR] BIKE RACK. REFER DP06/L804 & LANDSCAPE SCHEDULE.
	[M] MISTER FIXED ON ARBOUR. REFER L702.


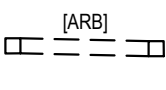
SIGNAGE

	[S1.1] DIRECTIONAL TOTEMS (MAJOR) TYPE 01 REFER WAYFINDING AND SIGNAGE REPORT
	[S1.2] DIRECTIONAL TOTEMS (MAJOR) TYPE 02 REFER WAYFINDING AND SIGNAGE REPORT
	[S2.1] DIRECTIONAL TOTEMS (MINOR) TYPE 01 REFER WAYFINDING AND SIGNAGE REPORT
	[S2.1] DIRECTIONAL TOTEMS (MINOR) TYPE 02 REFER WAYFINDING AND SIGNAGE REPORT
	[S3] DIGITAL KIOSK REFER WAYFINDING AND SIGNAGE REPORT
	[S4] ARRIVAL SIGNAGE TO RETAINING WALL REFER D18/L805 AND WAYFINDING AND SIGNAGE REPORT
	[S5.1] INTERPRETIVE SIGN BENCH (OPENING PLAQUE) REFER WAYFINDING AND SIGNAGE REPORT
	[S5.2] INTERPRETIVE SIGN BENCH (PAVEMENT ARTWORK) REFER WAYFINDING AND SIGNAGE REPORT
	[S5.3] INTERPRETIVE SIGN BENCH (WARRACOWIE WELLS ARTWORK) REFER WAYFINDING AND SIGNAGE REPORT
	[S6] BANNER SIGNAGE TO LIGHT POLE REFER WAYFINDING AND SIGNAGE REPORT REFER ELECTRICAL DRAWINGS AND SPECIFICATION FOR BANNER FIXING DETAILS

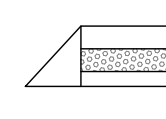


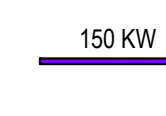
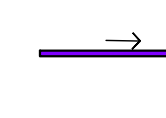





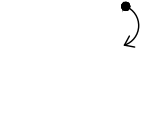

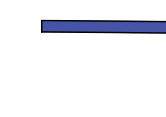


LIGHTING AND ELECTRICAL

	[P1] 10.5m COMBINATION POLE WITH LUMINAIRES AT 10.5M & 4.5M. REFER ELECTRICAL DRAWINGS.
	[P2] 60W 10.5m POLE MOUNTED LED LUMINAIRE. REFER ELECTRICAL DRAWINGS.
	[P3] 36W LED POST TOP LUMINAIRE. POLE HEIGHT: 6.5M. REFER ELECTRICAL DRAWINGS.
	[P4] NAKED POST TOP. POLE HEIGHT: 6.5M. REFER ELECTRICAL DRAWINGS.
	[P4] LED PROJECTOR LIGHT. REFER ELECTRICAL DRAWINGS.
	[F1] 1.8W CATENARY SUSPENDED LED FESTOON LIGHTING. REFER ELECTRICAL DRAWINGS.
	[D1] 12W SURFACE MOUNTED LED CAN LIGHT. REFER ELECTRICAL DRAWINGS.
	[UL1] 6W LED INGROUND UPLIGHT. REFER ELECTRICAL DRAWINGS.
	[IW1] 12W INGROUND MOUNTED LED UPLIGHT. REFER ELECTRICAL DRAWINGS.
	[MSB] MAIN SWITCHBOARD REFER ELECTRICAL DRAWINGS & IRRIGATION CABINET
	[DB] DISTRIBUTION BOARD REFER ELECTRICAL DRAWINGS
	INGROUND ELECTRICAL PIT REFER ELECTRICAL DRAWINGS
	INGROUND COMMUNICATIONS PIT REFER ELECTRICAL DRAWINGS
	NEW COMMS. CONDUIT REFER ELECTRICAL DRAWINGS
	NEW ELECTRICAL CONDUIT AND CABLING REFER ELECTRICAL DRAWINGS

STRUCTURES

	[ST] SHELTER. REFER L701, L807, D16/L804 & D18/L804
	[ARB] STEEL ARBOURS. REFER L702 & L808

CIVIL

	KERB RAMP REFER ENGINEER DRAWINGS
	ZEBRA CROSSING INSTALLED AS PER DIT & AUSROAD STANDARDS. REFER LINE MARKING PLAN & TIS
	150 K 150MM HIGH UPSTAND KERB REFER ENGINEER DRAWINGS.
	150 KW 150MM HIGH UPSTAND KERB AND WATER TABLE REFER ENGINEER DRAWINGS.
	KERB TRANSITION REFER ENGINEER DRAWINGS.
	FK FLUSH KERB REFER ENGINEER DRAWINGS.
	SK SLOTTED STANDARD KERB AND GUTTER REFER ENGINEER DRAWINGS.
	MK MEDIAN UPSTAND KERB. REFER ENGINEER DRAWINGS.
	ROK ROLLOVER KERB REFER ENGINEER DRAWINGS.
	GUTTER INVERT REFER ENGINEER DRAWINGS
	MATCH LEVELS TO A NEAT FINISH.
	PAVEMENT CONTROL JOINT. REFER TO ENGINEER DRAWINGS FOR JOINT TYPE AND SETOUT REQUIREMENTS. CONTRACTOR TO SUBMIT JOINTING PLAN PRIOR TO CONSTRUCTION FOR APPROVAL.
	100 W STRIP DRAIN REFER CIVIL AND SCHEDULE
	JUNCTION BOX WITH INFILL REFER CIVIL PAVEMENT TO MATCH ADJACENT
	GRATED INLET PIT REFER CIVIL



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T1	TENDER ISSUE	AZ	SR	KB	06/11/2023
P7	100% ISSUE	AZ	SR	KB	20/09/2023
P6	ISSUE FOR COORDINATION	AZ	--	--	08/09/2023
P5	70% ISSUE	AZ	SR	KB	04/08/2023
P4	ISSUE FOR COORDINATION	AZ	SR	--	28/07/2023
P3	W.I.P. ISSUE FOR COSTING	AZ	SR	--	29/05/2023
P2	W.I.P. ISSUE FOR DRAFT COSTING	AZ	SR	KB	14/11/2023
P1	50% ISSUE	AZ	SR	KB	07/10/2022

Issue	Description	Drwn	Ckd.	Appd.	Date
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THIS DRAWING SHALL BE READ IN CONJUNCTION WITH
THE SPECIFICATION.

THE CONTRACTOR AND THEIR SUB-CONTRACTORS
SHALL VERIFY ALL DIMENSIONS, LINES, LEVELS AND
EXISTING SERVICE LOCATIONS, PRIOR TO
COMMENCEMENT ON SITE. PREPARATION OF
DETAIL/SHOP DRAWINGS, AND FABRICATION OF
CONSTRUCTION/BUILDING COMPONENTS.



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Project
MARION CULTURAL CENTRE PLAZA

Client
CITY OF MARION

Drawing Title
LEGEND

Status
TENDER ISSUE

File Ref.
OS847_MCC Plaza Two Way... 231028.dwg

Scale (A1)

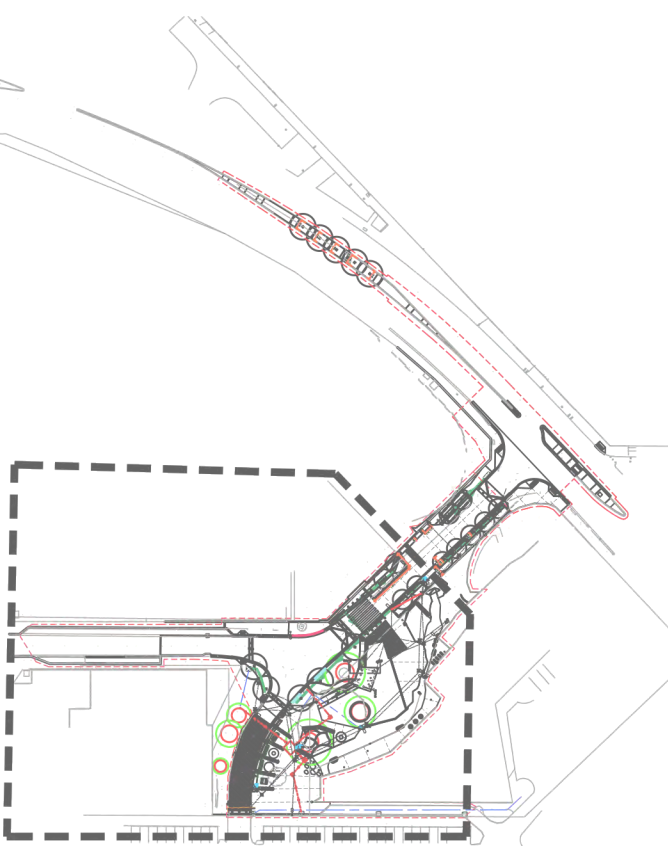
Drawn	AZ	Designed	SR	Checked	KB
Date	02/23	Date	10/22	Date	10/22

Drawing No.	Issue
OS847.1_L_010	T1



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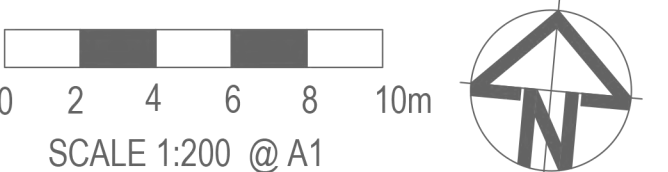
LOCATION KEY

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P7	100% ISSUE	AZ	SR	KB	20/09/2023
P6	ISSUE FOR COORDINATION	AZ	-	-	08/09/2023
P5	70% ISSUE	AZ	SR	KB	04/08/2023
P4	ISSUE FOR COORDINATION	AZ	SR	-	28/07/2023
P3	W.I.P. ISSUE FOR COSTING	AZ	SR	-	29/05/2023
P2	W.I.P. ISSUE FOR DRAFT COSTING	AZ	SR	KB	14/11/2023
P1	50% ISSUE	AZ	SR	KB	07/10/2022

Issue	Description	Drwn	Ckd	Appd	Date
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THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE SPECIFICATION.

THE CONTRACTOR AND THEIR SUB-CONTRACTORS SHALL VERIFY ALL DIMENSIONS, LINES, LEVELS AND EXISTING SERVICE LOCATIONS, PRIOR TO COMMENCEMENT ON SITE, PREPARATION OF DETAIL/SHOP DRAWINGS, AND FABRICATION OF CONSTRUCTION/BUILDING COMPONENTS.



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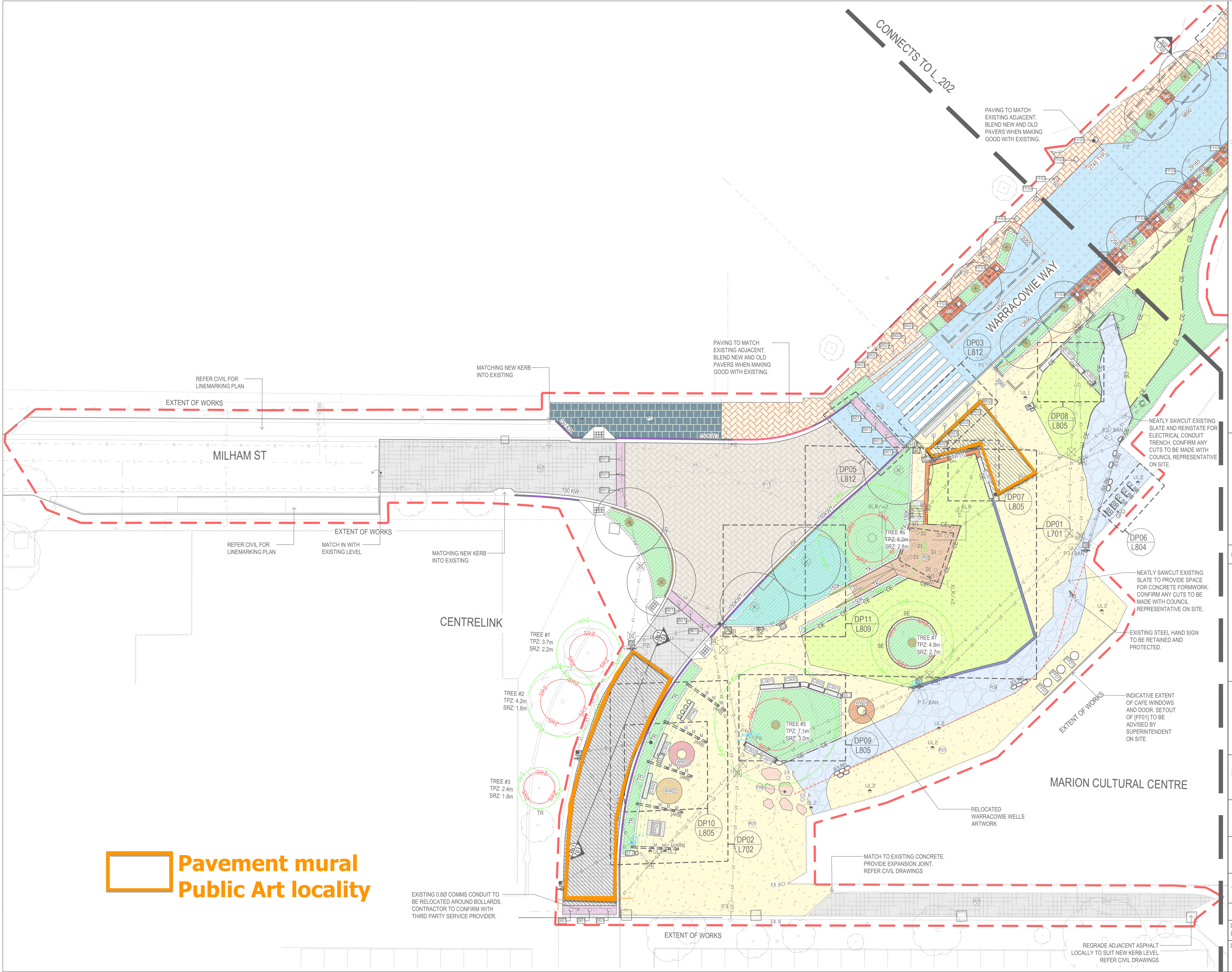
Project
MARION CULTURAL CENTRE PLAZA

Client
CITY OF MARION

Drawing Title
GENERAL ARRANGEMENT PLAN 01

Status
TENDER ISSUE

File Ref. OS847_MCC Plaza Two Way... 231028.dwg	Scale (A1) 1:200
Drawn Date AZ 02/23	Designed Date SR 10/22
Checked Date KB 10/22	Issue T1



**Pavement mural
Public Art locality**

Attachment 3: Indicative examples of ground mural applications



DuraTherm

Welcome Mat project, Ellen Schlobohm

City of Unley

Image courtesy of MPS



StreetBond

Bank Street, Adelaide

Image courtesy of MPS



Tredprime

The Big Thaw, Matt Fortrose

City of Marion

Image courtesy of artist

Examples from Pinterest



Marion Cultural Centre Plaza. Two Way Arrangement.

June 2023.

Design Development Report.

Prepared by:

Outerspace Landscape Architects

258a Rundle Street

Adelaide SA 5000





Acknowledgement of Country.

We acknowledge and respect Traditional Owners across Australia as the original custodians of our land and waters, their unique ability to care for country and deep spiritual connection to it. We honour Elders past, present and emerging whose knowledge and wisdom has and will ensure the continuation of cultures and traditional practices. We acknowledge that this project will be delivered on the lands of the Kurna people, the traditional owners and custodians of the Adelaide Plains.



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Document Control

Item	Date
Two-Way Design Development Report	10.02.2023
Two-Way Design Development Report Rev 2	09.03.2023
Two-Way Design Development Report Rev 3	20.03.2023
Two-Way Design Development Report Rev 4	07.06.2023
Two-Way Design Development Report Rev 5	08.06.2023



01

The Marion Cultural Centre (MCC) Plaza provides an opportunity to create an active public realm that enhances the Regional Centre as a destination, supporting community activities, social engagement and the visitor economy.

The design principles previously developed to inform the concept design will be upheld during the design development and documentation and are as follows:

- Improve pedestrian and cyclist connectivity, amenity and safety through the subject area for linkages between the local residential areas, the Oaklands Station, MCC, SA Aquatic and Leisure Centre (SAALC) and Westfield and other facilities on Milham Street.
- Development of a plaza that can be utilised for community events and provide improved amenity for community use between the MCC and the SAALC with due consideration of events planning requirements.
- Retention of vehicle access to existing business and community facilities within Milham Street, whilst minimising traffic volumes.

Key design outcomes reflected in the plan include:

- Flush roadway with designated crossing points
- WSUD rain garden
- Retention of existing trees
- Shelter with small stage to facilitate events and small performances
- Public art including roadway treatment
- New tree planting throughout the space to increase canopy coverage and reduce heat
- Retention of State Heritage building features
- Pedestrian refuge crossing and median planting to Diagonal Rd

Following a Council decision on 29 November 2022, the design is to implement a two-way road design on Warracowie Way and retention of vehicle access to Westfield Shopping Centre.

Landscape Masterplan.



Landscape Masterplan, refer page 15 for details



02

Existing Character.

The existing materials and built forms adjacent and within the Marion Cultural Centre Plaza form a strong and cohesive design language.

As shown by the images, the space holds a collection of irregular, natural stone that sits against the smooth, linear form of the Cultural Centre building. While the shapes and lines created from these forms are often sharp and jagged, the texture introduces an organic element.

In developing the design we have drawn upon these forms and materials so that the plaza is read as an extension to the building. A simple and uncluttered plaza area will allow the building to feature within the space.





03

Movement

As outlined in the previous pages the key moves that will establish the Plaza as a pedestrian and events space are:

- Temporary closure of Warracowie Way and area south of Milham Street for events
- Implementation of an at-grade roadway between Diagonal Road and Milham Street with retention of two-way traffic and a dedicated pedestrian crossing
- Installation of a pedestrian refuge crossing to Diagonal Road
- Remove vehicular right turn out of Warracowie Way onto Diagonal Road (currently challenging movement), south bound movement from precinct permitted from Milham Street.

The at-grade road surface along Warracowie Way will include a designated zebra crossing for pedestrians. This will clearly delineate pedestrian right of way and establish priority for plaza users as well as slowing vehicles travelling through the space. Retractable bollards will be utilised to close this section of road during events.

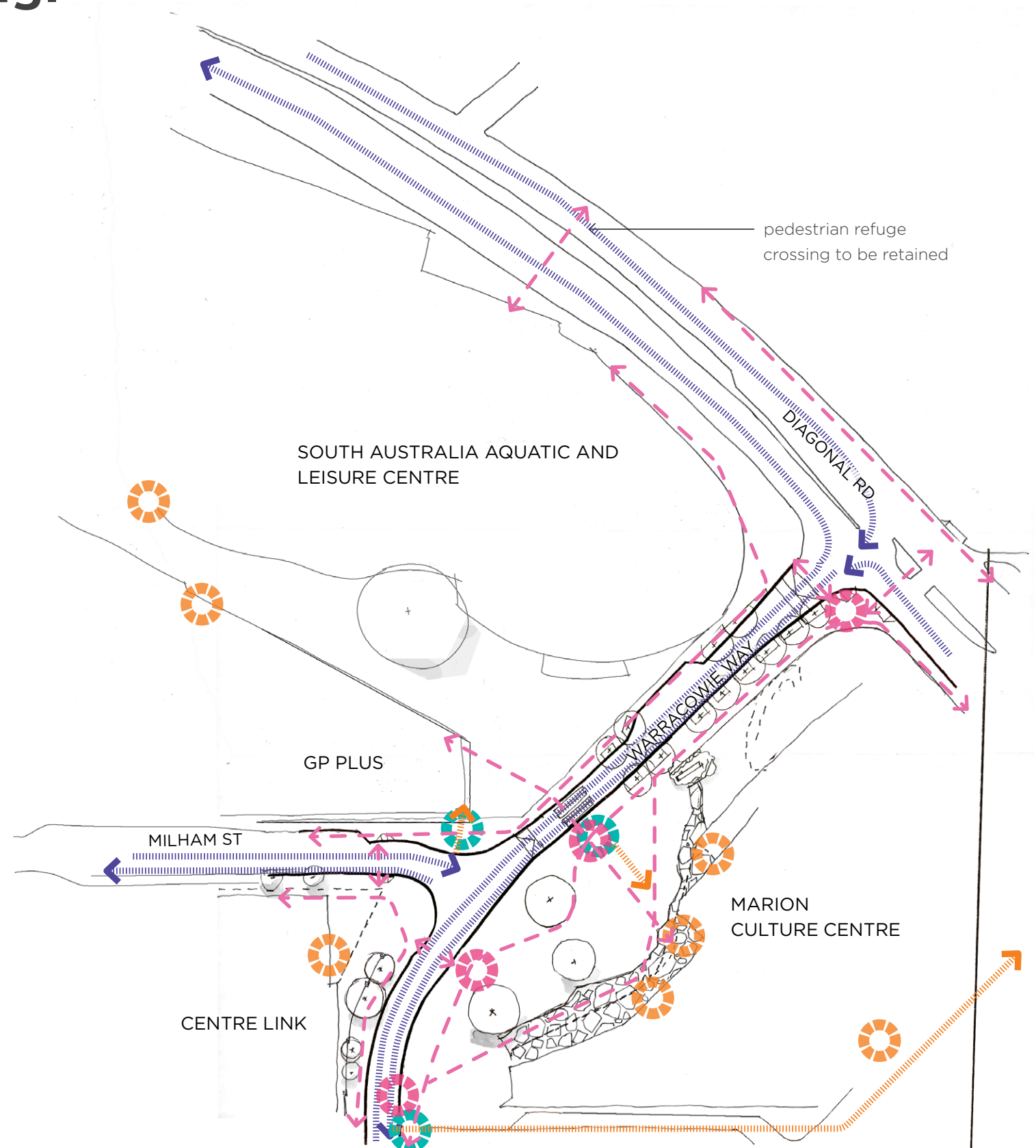
The pedestrian desire lines into and within the space will allow ease of access to the Cultural Centre and through to other adjacent services by maintaining clear sight lines and wayfinding signage at decision points.

Service delivery access will be facilitated by access to the South of the Centre and via a controlled service entry. This entrance will be as per current conditions with signage and managed by the Cultural Centre staff

Spatial Planning.

LEGEND

- ← → Pedestrian movements
- Vehicle movements
- Service delivery movements
- Key pedestrian gateways
- Building entrance
- Controlled access point (Refer control access plan)



Not to scale



Vehicle Access

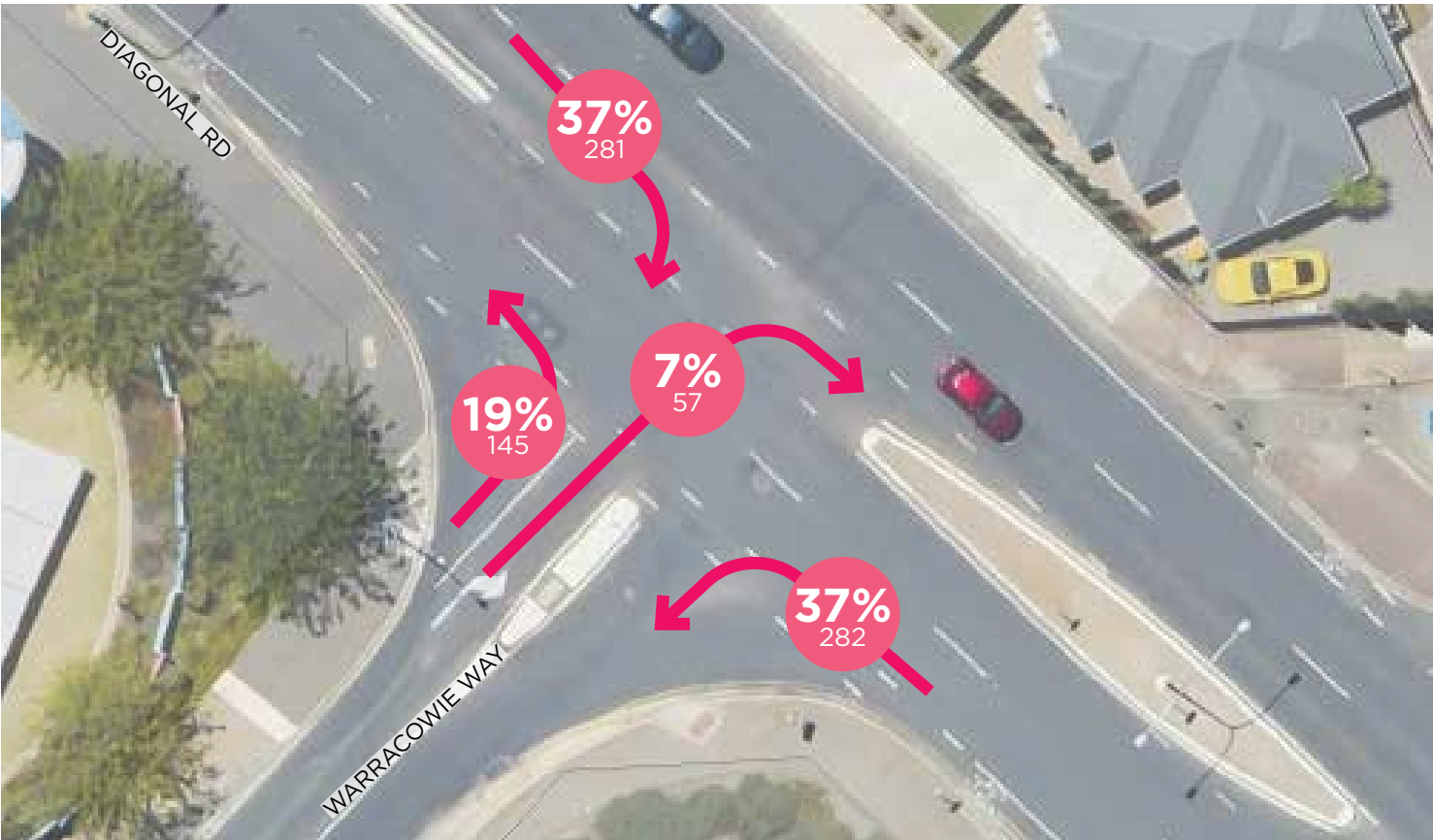
Assessment of existing vehicle access and proposed turning movements at intersections has been based on various Council and DIT traffic counts and a review undertaken in late 2019 by MFY consultants.

Traffic volumes on Warracowie Way have been estimated at approximately 4,500 vehicles per day, with a reasonably consistent volume across weekdays and Saturdays. This volume comprised 2,500 vehicles travelling south west bound and 2,000 vehicles travelling north east bound. Milham Street carries approximately 3,500 vehicles per day on a weekday and 2,400 vehicles on a Saturday. The connection into Westfield Shopping Centre currently carries around 3,600 vehicles on a weekday and 3,800 on a Saturday. Diagonal Rd carries approximately 29,000 vehicles on a typical weekday and around 24,000 vehicles on a Saturday.

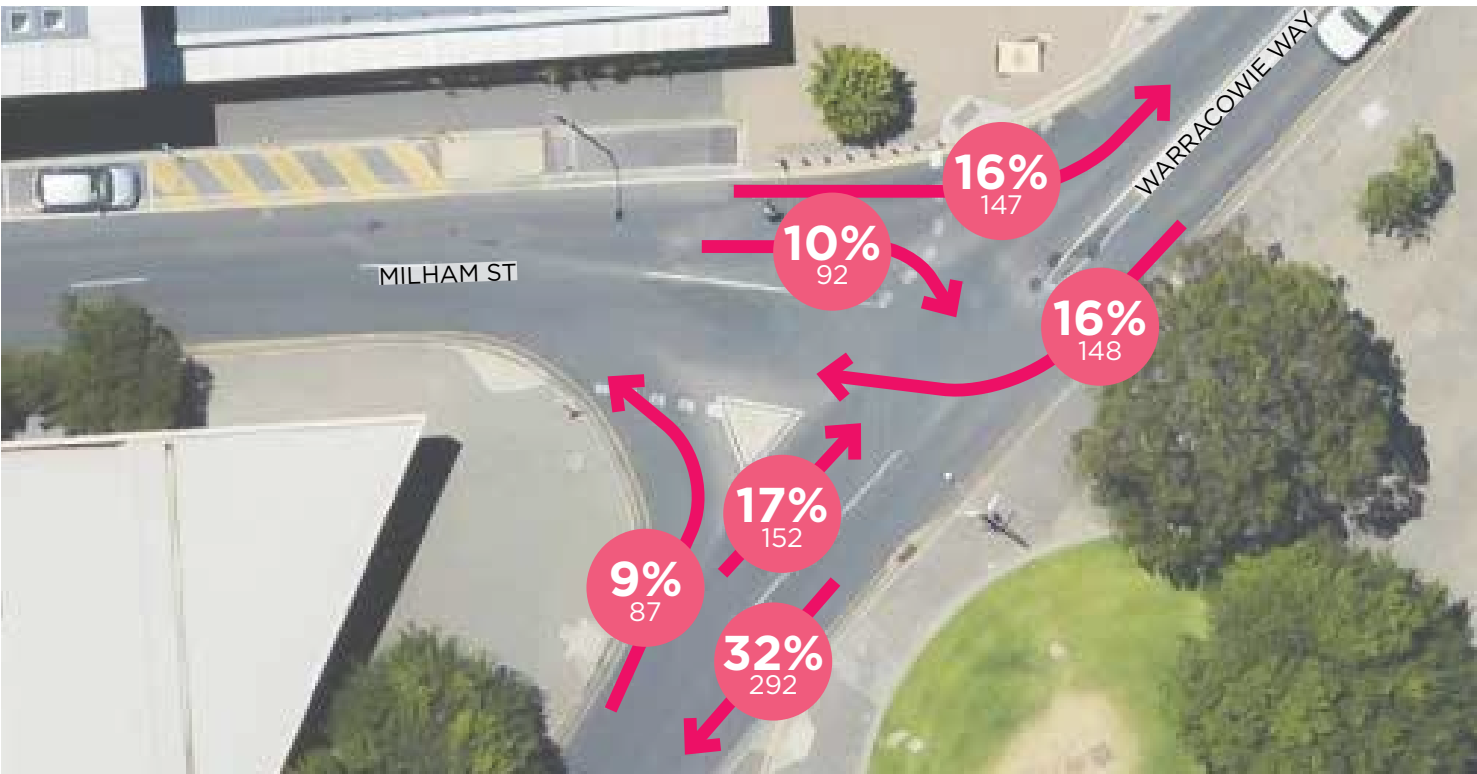
During network peak hours the Diagonal Road/Warracowie Way intersection has a throughput of approximately 1,700 vehicles in the AM peak hour and 2,400 vehicles during the PM peak hour. Of these volumes 78% in the AM peak and 83% in the PM peak were Diagonal Road through traffic. Peak hour volumes on Warracowie Way are between 350 and 400 in each peak hour.

Of those movements, the right turn out of Warracowie onto Diagonal Road accounts for only 21 vehicles in the AM peak and 36 vehicles in the PM peak, which is less than 10% of the total movements on Warracowie Way during the peak hours. This percentage would be expected to increase during interpeak periods when traffic volumes on Diagonal Road are lower but would still be expected to remain at only 10-15% across the day, or a volume in the order of 400-500 vehicles removed from Warracowie Way. The average wait time to make the right turn movement out of Warracowie was modelled at 100 seconds delay in peak periods, which would explain the very low peak hour volumes.

The issues with the right turn out of Warracowie Way is also reflected in the crash data. This shows that, although the right turn out from Warracowie Way is only a small proportion of the traffic, this turning movement resulted in 9 of the 15 recorded crashes at the intersection over the most recent 5 year period. Removal of the right turn exit would therefore provide a significant safety benefit to the intersection. The level of delays estimated for this turn is likely to have contributed to the poor crash record, as drivers choose to take greater risks to reduce delays.



Current turning movements at the Warracowie Way/Diagonal Road intersection by percentage & volume in AM & PM peak. (Data sourced from MFY Options Report, 2019)



Current turning movements at the Warracowie Way/Diagonal Road intersection by percentage & volume in AM & PM peak. (Data sourced from 2014 GTA/Stantec Report)



Traffic Calming

The creation of a pedestrian friendly Plaza space and streetscape will utilise best practice traffic calming measures to slow drivers and indicate a change of road environment. These strategies will be carefully considered in relation to the safety of all road users and will be tailored to suit Warracowie Way. Strategies outlined by the Global Designing Cities Initiative that will be integrated into the design include:

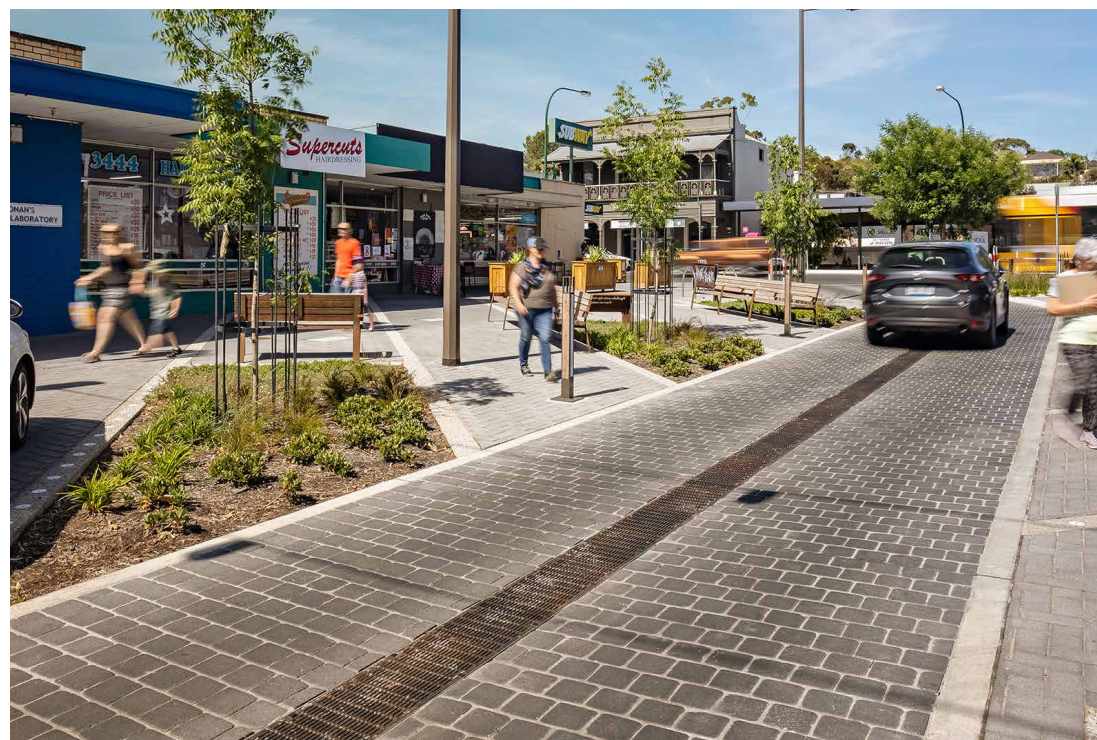
- Lane narrowing (To 6m wide roadway)
- Reducing corner radii
- Implementing tree planting
- Gateway treatments
- Pedestrian refuge crossings (on Diagonal Road only)
- Differentiation in pavement materials
- Raised roadway treatment
- Formalised pedestrian crossing indicating right of way.



Gateway treatments alert drivers that they are entering a slower area and can include raised crossings, kerb extensions and signage.



Lane narrowing assists in reducing speeds by reducing the right of way and making drivers more wary of traffic and adjacent road users.



Pavement materials add visual interest, highlight crossing areas indicate a change in conditions to drivers and pedestrians.









Narrowing corner radii at intersections helps to reduce vehicle speeds and pedestrian crossing distances.

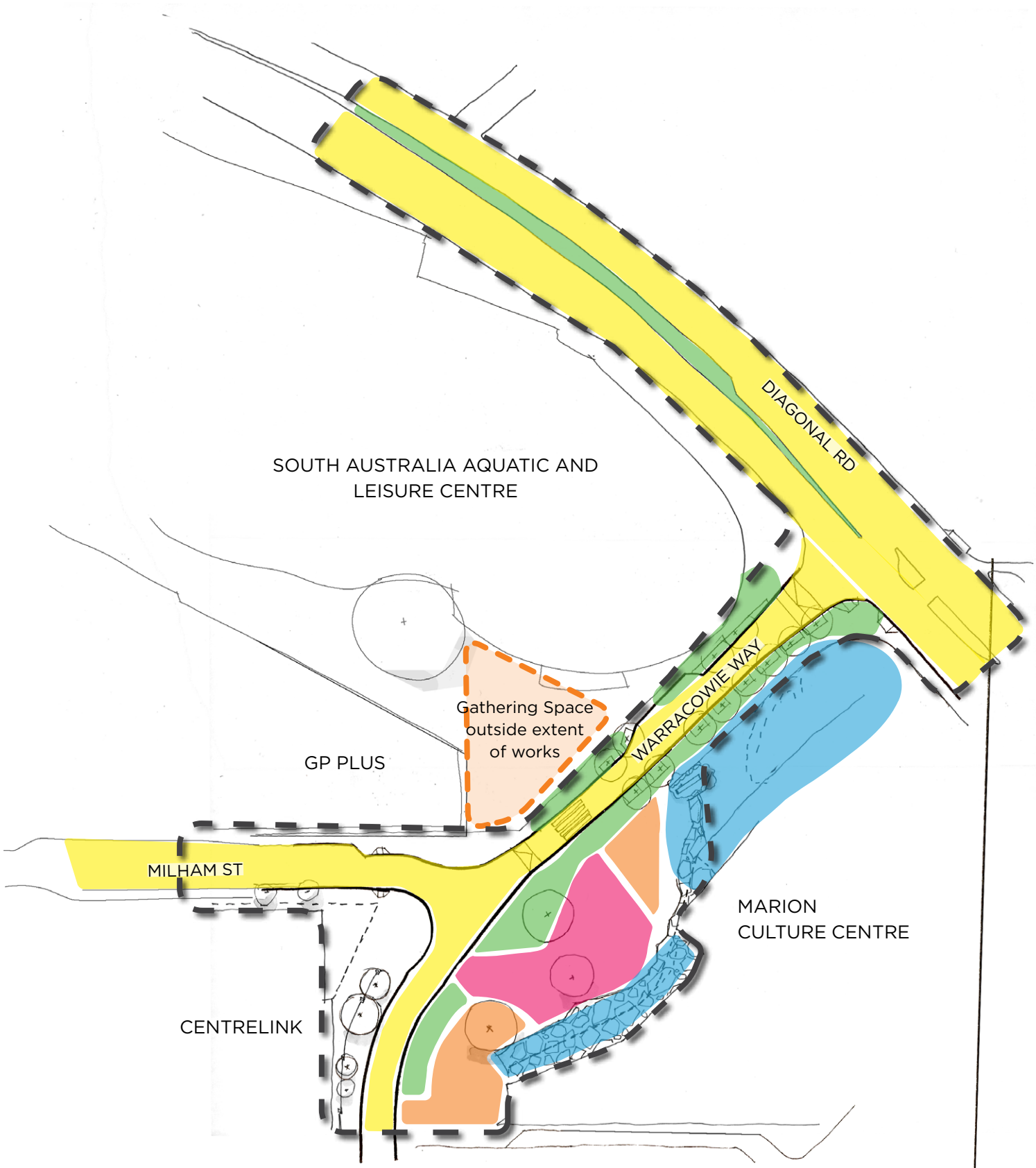


Zones

Mapping of the pedestrian and vehicle movements create clear zones that each have their own purpose and design elements. The development of the design builds upon these zones and considers how the spaces function as a whole to create a connected and vibrant plaza space.

LEGEND

-  Central Activity Space
-  Gathering Spaces
-  Vehicle spaces
-  Green Edges
-  Building edges
-  Extent of Works





04

Plaza Spaces.

The four areas identified within the Plaza each have a unique function but fit together to form a multi-use space that services the community for both events and everyday use.

The design elements within each space are summarised on the following pages.

Connection



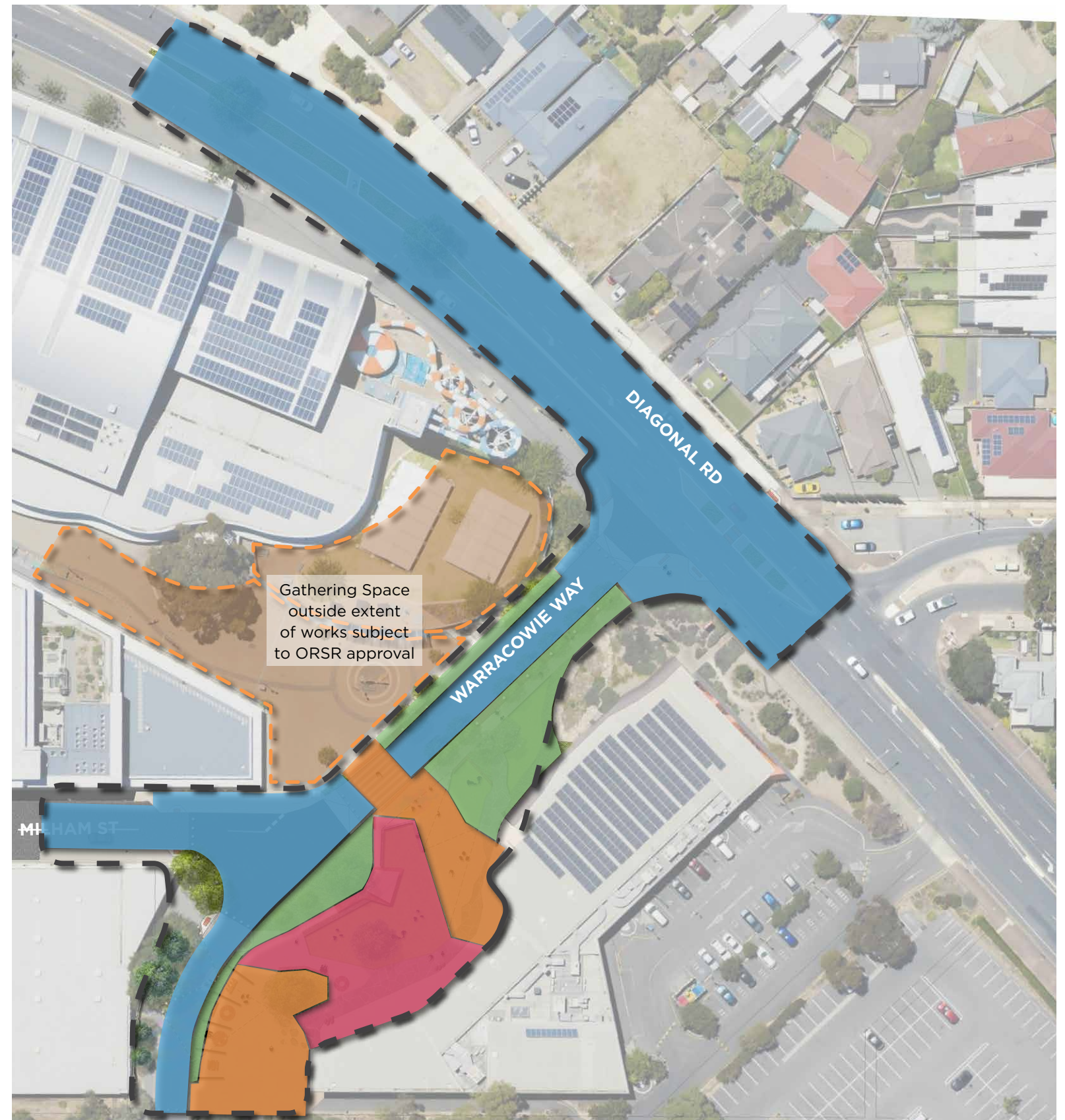
Gathering



Central Activity



Green Edge





Connection



Diagonal Road upgrades

- Pedestrian refuge crossing
- New tree and understorey median planting consistent with previous upgrades



Flush Roadway

- At grade roadway delineated with pavement treatment
- Retractable bollards for road closures during events
- 2 X indented passenger drop off bays



Intersection treatment

- Paved intersection treatment to assist with traffic calming
- Opportunity to utilise permeable paving



Pedestrian crossings

- Designated pedestrian crossing points
- New tree and understorey median planting consistent with previous upgrades



Pavement Artwork

- Pavement artwork opportunity to roadway surface (outside of pedestrian crossing points)



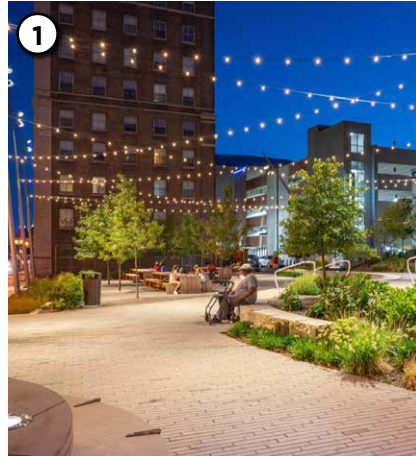
Retractable bollards

- Supports events planning for various scales
- Supports temporary road closures





Gathering



Open Plaza Space

- Gathering and event space
- Catenary lighting attached with integrated GPOs in poles for events
- Height of catenary lighting to allow for service vehicle heights



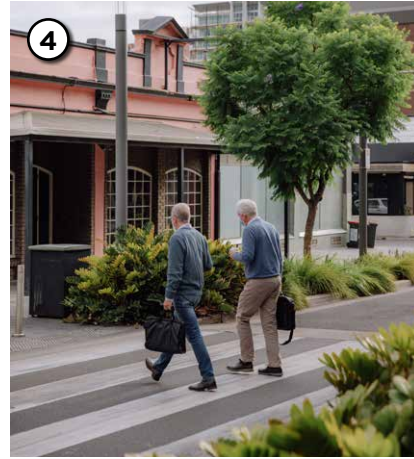
Wayfinding

- Vibrant signage designed to reflect local character



Warracowie Wells

- Relocation of pavement inlay artwork
- Seating area adjacent main circle
- Ensure outside vehicle circulation



Zebra crossing

- Pedestrian priority to link SAALC and Plaza



Pavement artwork & signage

- Pavement artwork opportunity incorporating Kaurua story telling and represent indigenous community
- Welcome signage to low retaining wall



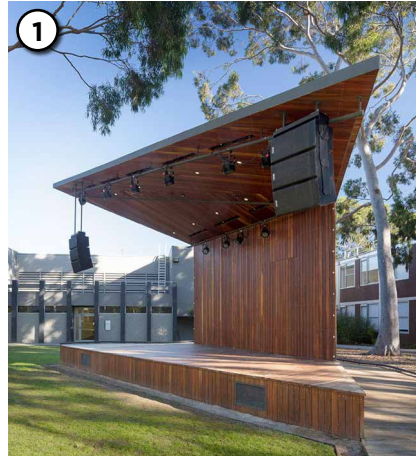
Arbour

- Integrated lighting
- Integrated seating
- Potential to integrate misters
- Climbing plants to arbours
- Screening barrier to streetscape





Central Activity



1 Raised Deck & Shelter

- Integrated seating
- Equipped with performance & stage capabilities during events
- Slimline shelter with integrated wayfinding
- Power lighting



2 Lawn

- Provides permeable surface to existing Elm tree
- Connects stage and play area
- Provides seating and open space adjacent stage during events
- Reduces hard surfaces & heat in space
- Irrigated



3 Building Interface

- Strong connection to Cultural Centre entries and windows
- Create active edge with spill out space



4 Integrated seating

- Bespoke seating along edges of garden beds
- DDA compliant and inclusive
- Robust materials



5 Existing Pavement & Trees

- Existing slate paving associated with State Heritage listing to be retained and restored
- Retain existing seating rocks
- Retention of existing Corymbia & Elm trees
- Permeable surfaces to tree protection zones as per arborist report





Green Edge



Heritage Elements

- Retain slate paving leading to 'N' harbour
- Garden bed to base of 'O' feature wall
- Existing slate paving to be retained



Avenue Planting

- Tree and understorey planting to define roadway edge and direct pedestrians to crossing point
- Strata cells to ensure adequate soil volume for trees
- Wide footpath for pedestrian connectivity



Rain Garden

- Water Sensitive Urban Design (WSUD)
- Trees and understorey planting



Large feature trees

- Native feature trees to strengthen existing Corymbia
- Provide screening and separation from the roadway
- Provide shade
- Increase biodiversity opportunities



Lawn space

- Increase useability and event space
- Provides seating and open space adjacent stage during events
- Reduces hard surfaces & heat in space
- Irrigated



Arbor

- Pedestrian gateway to Plaza from Westfield
- Trellis to integrate climbing plants
- Integrated seating
- Integrated pavement artwork 'Warracowie Wells'





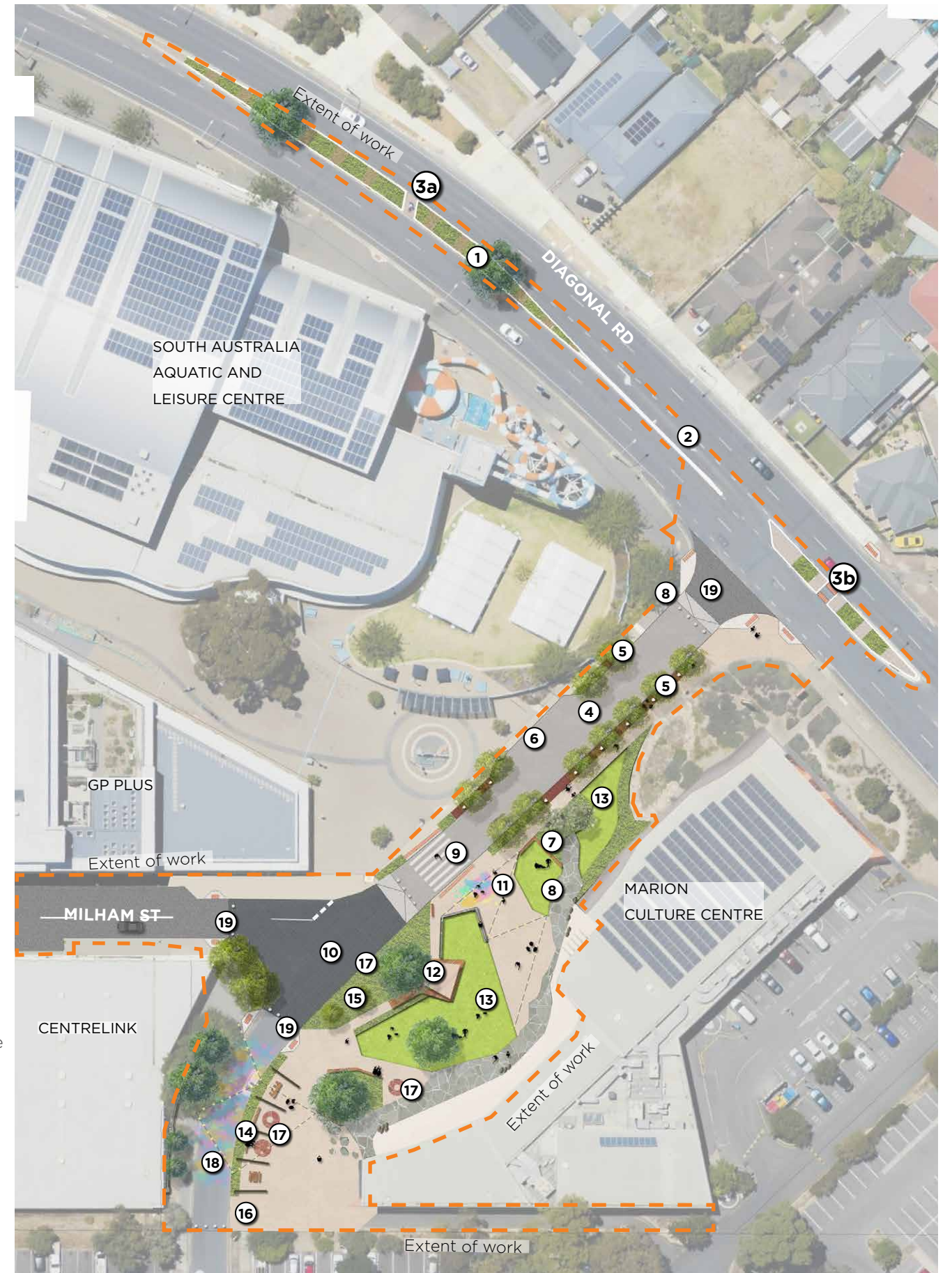
05

- ① Diagonal Road median planting
- ② Retain right turn in lane from Diagonal Road
- Pedestrian refuge crossings to Diagonal Road
- ③a a. Existing to be retained
- ③b b. New refuge crossing
- ④ Warracowie Way flush, two way roadway
- ⑤ Tree planting in strata cells and garden beds along Warracowie Way to delineate roadway
- ⑥ Indented passenger drop off bays (time controlled park)
- ⑦ 'N' arbour retained in current location with new garden bed surrounds
- ⑧ Existing slate paving to be retained with increased lawn space adjacent
- ⑨ Zebra pedestrian crossing
- ⑩ Paved intersection treatment
- ⑪ Welcome signage/ Pavement artwork
- ⑫ Shelter and raised deck/stage area with accessible 1:20 ramp access
- ⑬ Open lawn space
- ⑭ Arbour with climbing plants and seating
- ⑮ Rain garden
- ⑯ Service vehicle access
- ⑰ Relocated Warracowie Wells pavement inlay artwork
- ⑱ Pavement artwork in roadway
- ⑲ Pedestrian crossing and retractable bollards to support temporary road closure for events and Warracowie Way extension

Landscape Plan.

LEGEND

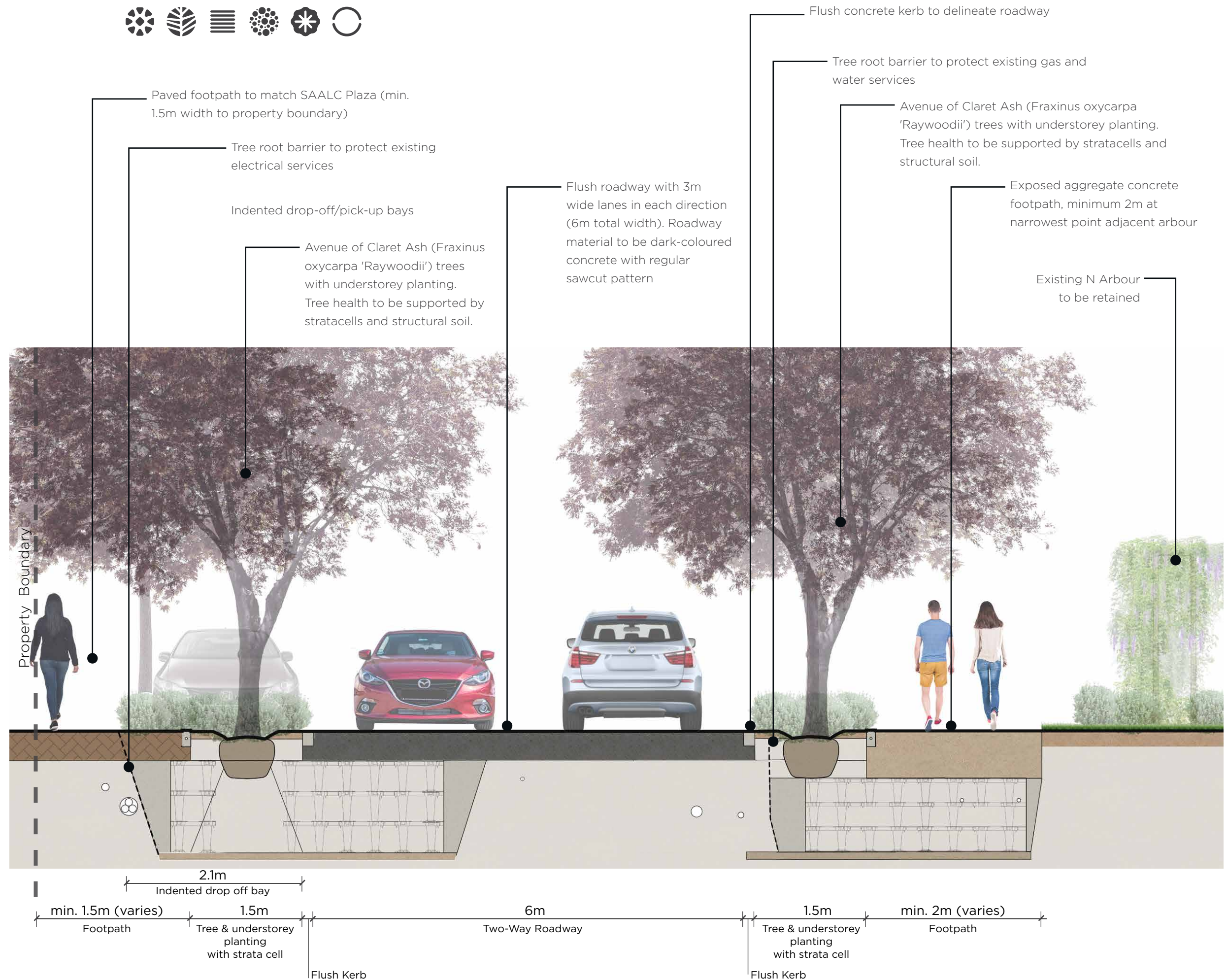
	Exposed aggregate concrete		Festoon Lighting
	Concrete to flush roadway		Retaining Wall
	Natural slate paving		Zebra crossing
	Asphalt		Relocated Warracowie Wells artwork
	Road paving		Pavement artwork
	Timber decking		Shelter
	Lawn		Digital Kiosk
	Garden bed		Pedestrian bollard
	New tree		
	Existing tree		



Not to scale



Roadway Section

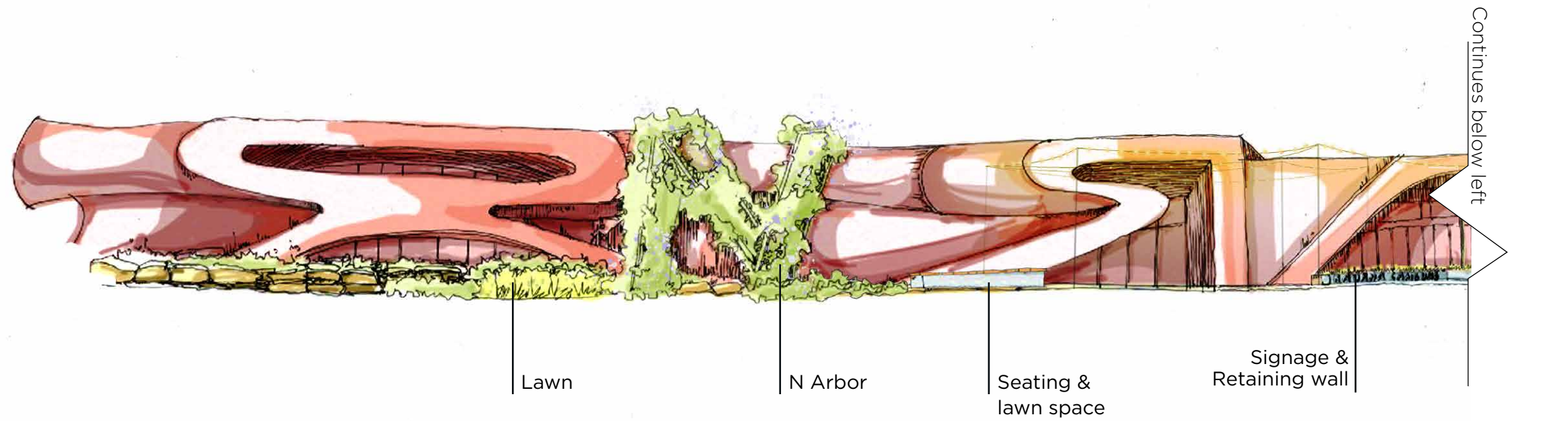


Section
Scale: 1:50 @ A3

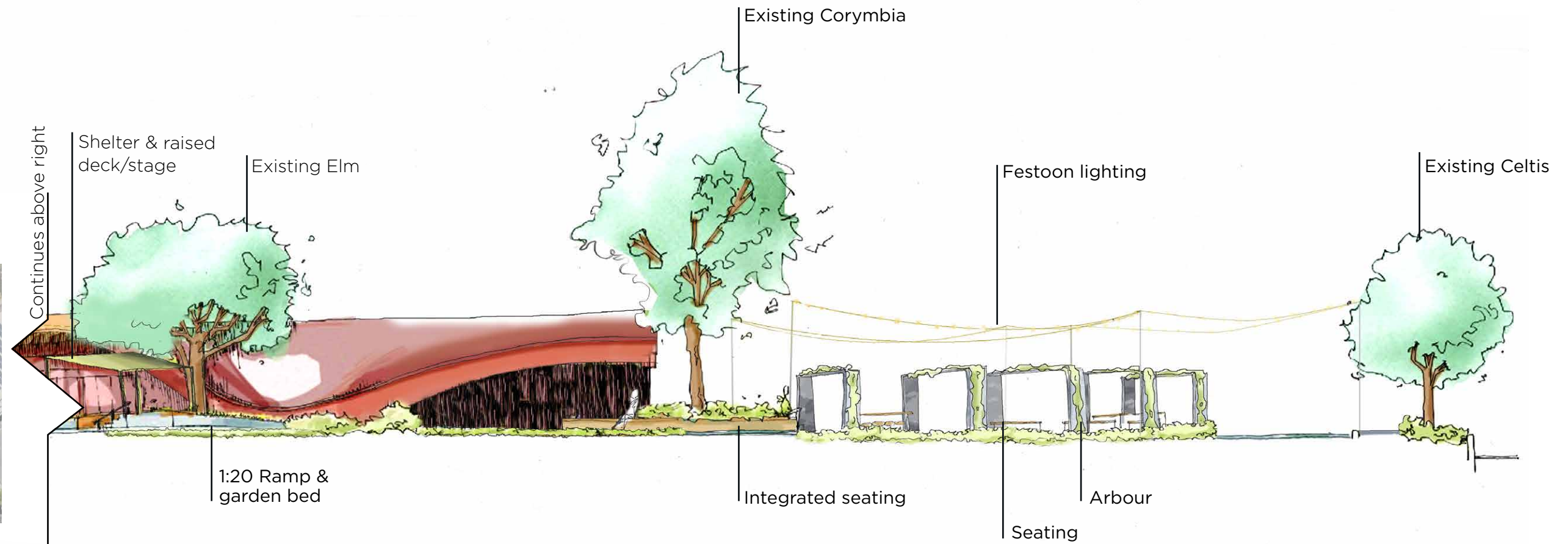


North-west Elevation

DIAGONAL RD



Section
Scale: 1:200 @ A3









06

Public Art

Warracowie Wells Relocation

The existing pavement inlay artwork, titled Warracowie Wells by artist Martin Corbin is an important element of the plaza space that reflects Marion's history and diverse community. The artwork comprises of three seperate pavement inlays across the site in circular formation.

One of the artworks, previously located at the base of one of the Corymbia trees within the plaza was removed in 2019 due to severe tree root lifting of the pavers. It is currently being stored by the City of Marion and is to be reinstated as part of the redevelopment. The other artworks will be carefully removed from their current locations and reinstated as part of the project works.

Interpretive signage will also be installed adjacent the artwork highlighting the importance of the works, as per below.



① Well 1: Warracowie Artwork



② Well 2: Previously removed and in storage



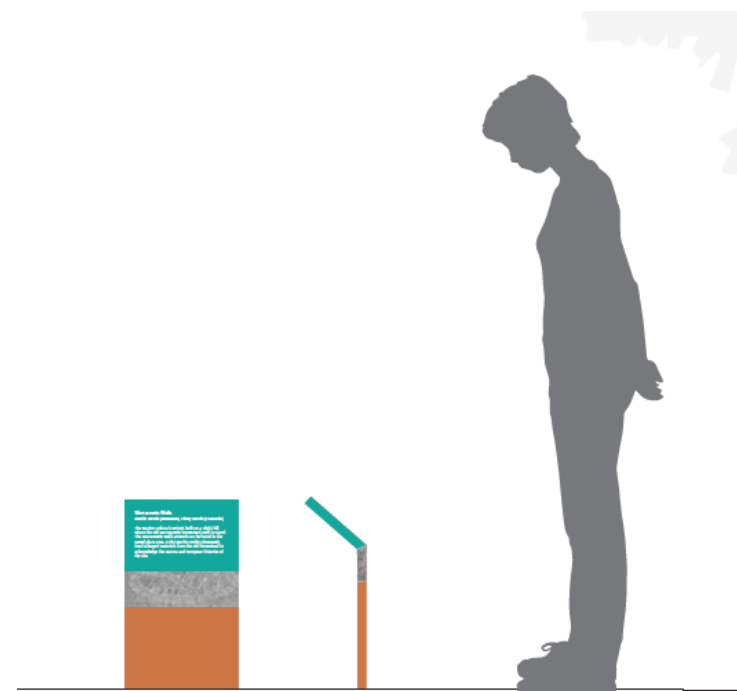
③ Well 3: Kurna Acknowledgement



Existing Locations



Proposed Locations



Interpretive signage to the artwork



07

Materials & Furniture.

The approach to materiality within the space will utilise a minimal palette that is consistent with the existing building facade and surrounding streetscape works recently completed. This will create a consistent backdrop of bronze hues which celebrate the building as well as allowing the colourful public art and wayfinding to feature within the space.



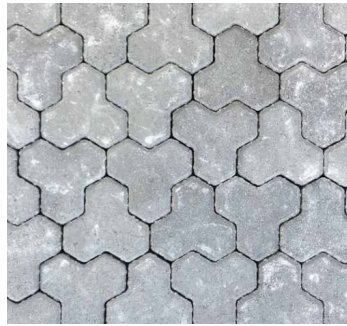
Exposed aggregate concrete (pedestrian)



Exposed aggregate concrete (roadway)



Brick Paving



Interlocking Roadway Paving



Existing Slate Paving



Hardwood timber decking



Steel shelter



Multifunction poles



Catenary lighting



Steel arbours



Picnic setting



Lookout table



Bench seating



GRC single seats/ bollards



Fixed Cafe Tables



Accessible drink fountain



Bike Racks



Bin enclosure



Wayfinding Signage



Digital Kiosk



Retractable bollard

A number of measures to increase environmental comfort and sustainability benefits for the community have been considered and integrated into the Plaza design including:

- Use of recycled materials where possible
- Use of light coloured, reflective surfaces and paving where practical
- Increase of permeable surfaces such as garden bed and lawn
- Increase tree canopy coverage
- Improved growing conditions for trees through inclusion of stratacells and structural soils
- Water Sensitive Urban Design (WSUD) features such as rain gardens for stormwater treatment and detention
- Passive irrigation of trees
- Misting sprays to arbour structure
- Wider footpaths for pedestrian comfort
- LED lighting

LIDAR heat mapping undertaken as part of the Resilient South partnership in 2016 and subsequent mapping of tree canopy coverage and permeable vs impermeable surfaces in 2018/19 show that the Plaza space is subject to high surface temperatures and low tree canopy coverage (see map far right).

A summary of research on the measured effectiveness of various cooling strategies is provided in the table to the right. To mitigate the urban heat island effect and reduce the overall surface temperature within the space a number of these strategies have been integrated into the design (highlighted in yellow), improving user comfort and allowing people to stay in the space for longer.

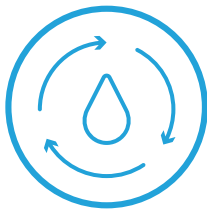


Environmental Improvements - Climate Resilient Design.

Expected increases to the tree canopy coverage and permeable surfaces as part of the upgrade have been calculated based on the existing conditions within the plaza space:



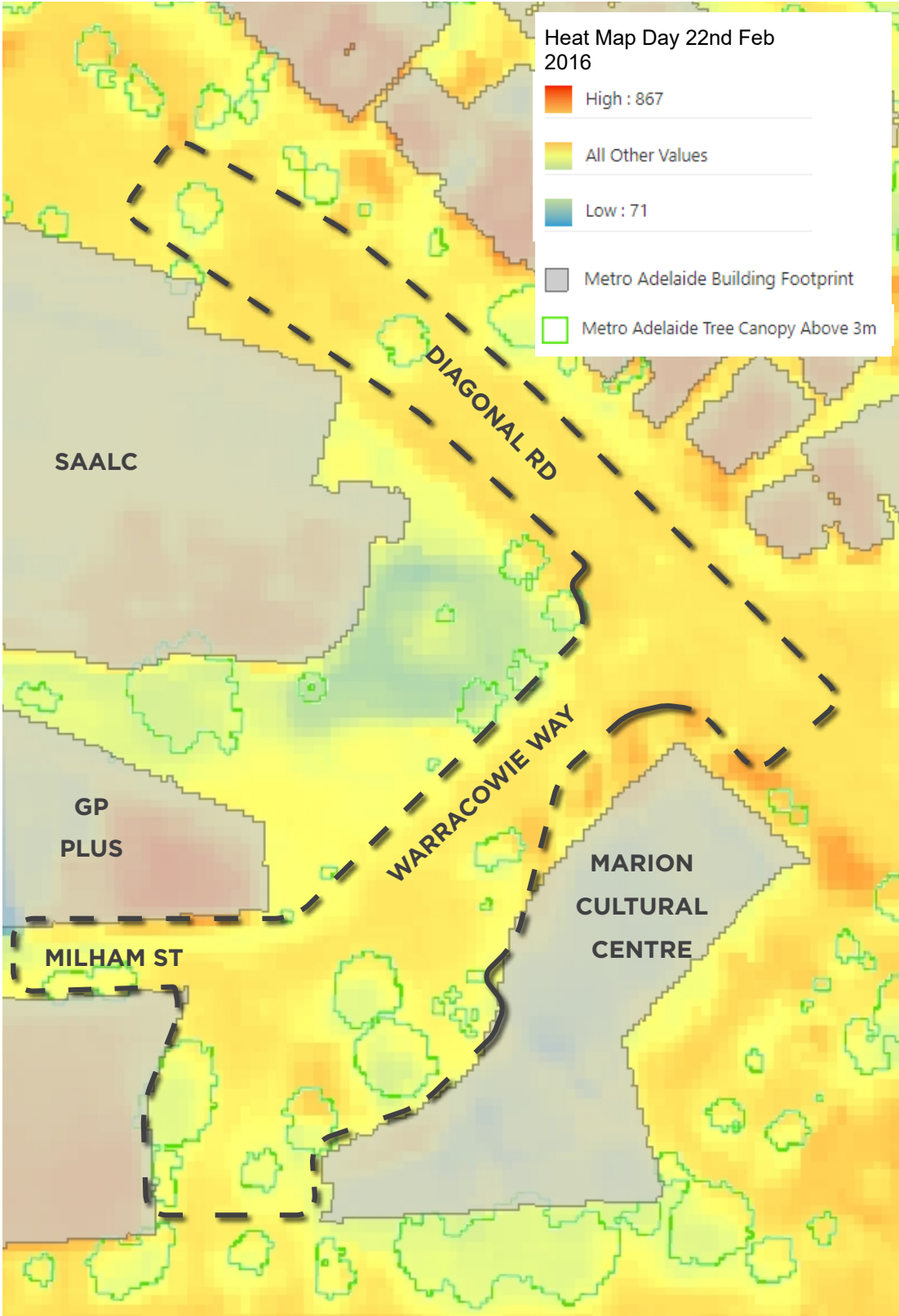
**237% increase
in mature tree
canopy coverage**



**138% increase in
permeable surfaces**

Heat mitigation strategy	Maximum air temperature reduction within the zone of influence ^a	Thermal comfort improvement (Feels-like temperature) ^b	Maximum surface temperature reduction ^c	Key constraints	
Mature street trees	4.0 °C	8.0 °C	15 °C	Space/conflict with grey infrastructure	
Solar control systems (shading)	0.8 °C	8.0 °C	15 °C	Installation cost	
Cool pavements	2.5 °C	0.5 °C	33 °C	Reflectance changes over time Undesirable glare	
Permeable pavements	2.0 °C	2 °C (after sprinkling with water)	20 °C	Less suitable for heavy traffic Evaporation is less effective in humid weather and only effective when there is moisture present Maintenance	
Cool roofs / walls and facades	2.5 °C (indoors)	0.5 °C	33 °C	Undesirable glare Complex reflectance in street canyon	
Green roofs and walls	4.0 °C	0.1 °C	20 °C	High cost to install and maintain Water supply for walls Heat- and water- stress	
Green open spaces	4.0 °C	4.0 °C	15 °C	Need to accommodate multiple needs	
Evaporative cooling ^d	8.0 °C	1.0 °C	N/A	High cost to install and maintain Water supply required	
Misting fans ^e	15 °C	1.0 °C	N/A	Less effective in humid weather Small zone of influence	
Effectiveness ^f	Very high	High	Medium	Low	Negligible

Cooling capacity of different strategies (updated based on Osmond & Sharifi 2017), Urban Heat Planning Toolkit, Western Sydney Regional Organisation of Councils (WSROC), 2021



Urban Heat and Tree Mapping 2016-2019, Enviro Data SA



09

Planting.

The tree and understorey planting within the Plaza will assist with wayfinding and strengthening the identity of different areas by responding to the space's narrative and purpose.

Diagonal Road



Yellow Box
Eucalyptus melliodora



Coastal Rosemary
Westringia fruticosa 'Smokey'



Coastal Rosemary
Westringia fruticosa 'Mundi'



Prostrate Rosemary
Rosmarinus officinalis 'Prostratus'



Flax Lily
Dianella caerulea 'Little Jess'



Mat Rush
Lomandra longifolia 'Tanika'



Emu Bush
Eremophila glabra 'Amber Carpet'





Warracowie Way



Claret Ash
Fraxinus oxycarpa
'Raywoodii'



Indian Hawthorn
Raphiolepis indica
'Snow Maiden'



White Goodenia
Goodenia albiflora



Mirror Bush
Coprosma repens
'Chameleon'



Fan Flower
Scaevola aemula
'Mauve Clusters'



Coastal Rosemary
Westringia fruticosa 'Smokey'



Coastal Rosemary
Westringia fruticosa 'Mundi'



Flax Lily
Dianella caerulea 'Little Jess'



Mat Rush
Lomandra longifolia 'Tanika'





Central Activity & Gathering



Coastal Rosemary
Westringia fruticosa 'Smokey'



White Goodenia
Goodenia albiflora



One-Sided Bottlebrush
Calothamnus quadrifidus



Emu Bush
Eremophila glabra 'Amber Carpet'



Indian Hawthorn
Raphiolepis indica 'Snow Maiden'



Flax Lily
Dianella caerulea 'Little Jess'



Conebush
Leucodendron salignum 'Fire Glow'



Yellow Buttons
Chrysocephalum apiculatum



Rosemary
Rosmarinus officinalis 'Blue Lagoon'



Snake Vine
Hibbertia scandens



Ornamental Grape
Vitis vinifera





Biodiversity & Rain Garden



Water Gum
Tristaniopsis laurina
'Luscious'



Flame Bottletree
Brachychiton acerifolius



White Goodenia
Goodenia albiflora



Tussock Grass
Poa labillardieri 'Eskdale'



Native Pigface
Carpobrotus rossii



One-Sided Bottlebrush
Calothamnus quadrifidus



Grevillea
Grevillea hybrid
'Bronze Rambler'



Yellow Buttons
Chrysocephalum apiculatum



Geraldton Wax Flower
Chamelaucium floriferum
'Little Lorey'



Mat Rush
Lomandra longifolia
'Katrinus Deluxe'



Pale Rush
Juncus pallidus



Spiny Flat-Sedge
Cyperus gymnocaulos



Coastal Flax Lily
Dianella brevicaullis



Knobby Club Rush
Ficinia nodosa



Events Setup

The proposed event setup is consistent with the previously developed landscape masterplan. The space can be configured for small, medium or large events as required, with general power outlets integrated throughout the space.

Three phase power outlets have also been nominated to the south plaza and on Warracowie way to facilitate food trucks and stalls. An external distribution board has been nominated to allow for ease of access during events. The stage area will facilitate audio and lighting setup as required with control via the distribution board. The stage's central location allows for use across all scales of events tailored to the specific requirements.

Below provides a summary of key provisions for events based on the scale. Crowd numbers have been based on post-COVID numbers of 1 person per 2m².

Small Events

- Approx 1220m²
- Approx capacity: 610 people
- Approx. 9 - 12 x market stalls (based on 3x3m)
- Catenary lighting
- No road closure required
- Vehicle access setup from Warracowie Way via retractable bollards
- Stage area central to space
- Close to MCC entrance

Medium Events

- Approx 2000m²
- Approx capacity: 1000 people
- Approx. 20-30 x market stalls (based on 3x3m)
- Catenary lighting
- No road closure required
- Vehicle access setup from Warracowie Way via retractable bollards, and service delivery lane access



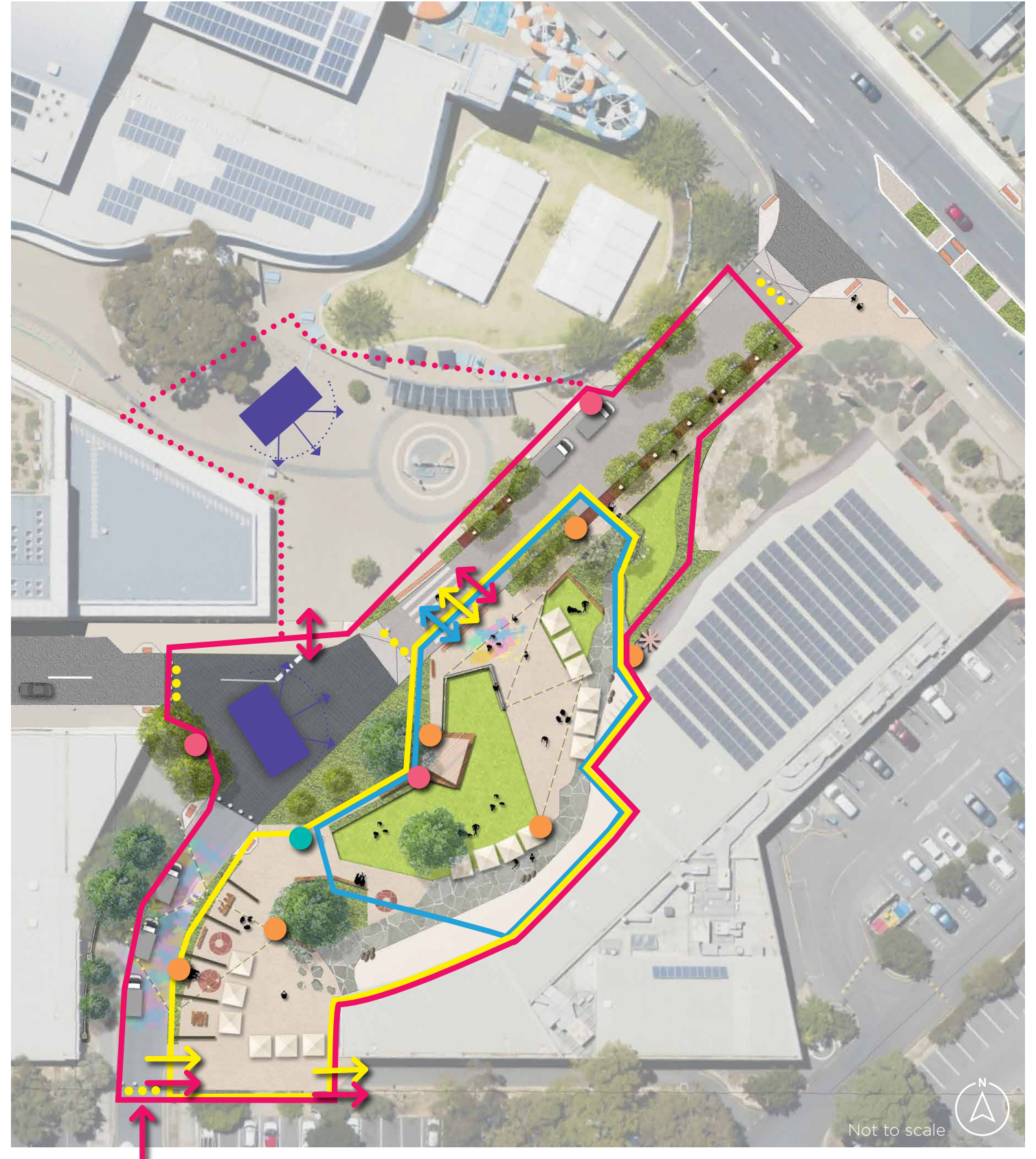
Events & Access.

Large Events

- Approx 3225m² - 4470m²
- Approx capacity: 1600 - 2235 people
- Approx. 35+ market stalls (based on 3x3m)
- Road closure required to Warracowie Way via bollards in road
- Multiple vehicle access points for event setup
- Central stage area and cafe/food
- Opportunity for bump in stage and additional market stalls
- Northern bump in stage option subject to ORSR approvals

LEGEND

- Small Event
- Medium Event
- Large Event
- Additional Large Event space subject to ORSR approvals
- Water Connection Point
- GPO (power provision)
- Three phase power outlets
- External distribution board & isolation
- Retractable bollards
- Options for large event additional bump in stage
- Food truck parking (large events along road once closed)
- Market Stall (3x3m)/possible food truck





Event Traffic Management

Traffic management and access during events have been considered in relation to the design and proposed operations.

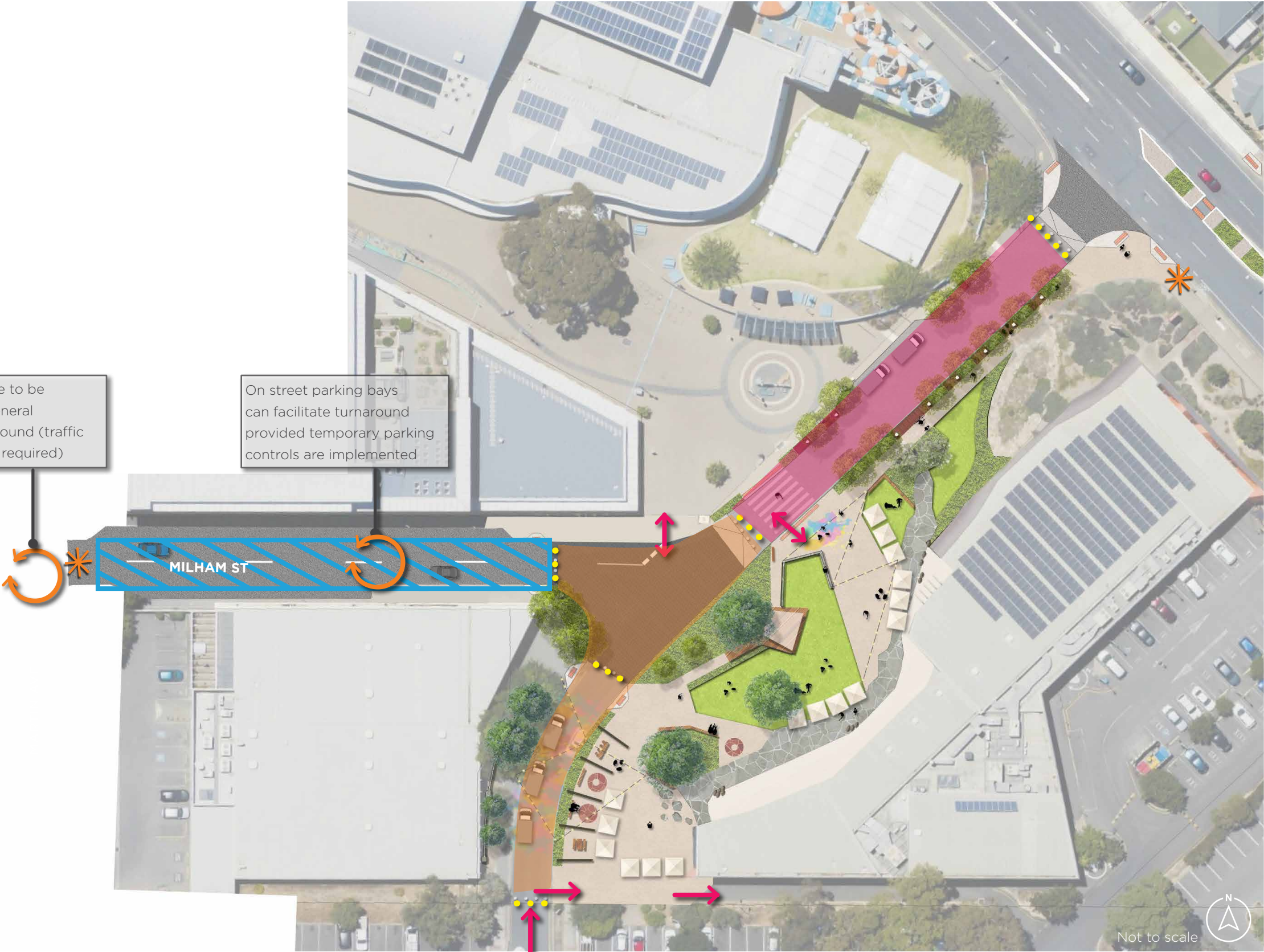
It is assumed that traffic management will be required during large events where Warracowie Way is to be closed to vehicular traffic. Infrastructure such as retractable bollards are nominated at key locations to be employed during large events. Vehicle turnaround around areas are nominated to facilitate emergency vehicle access.

Vehicular access points during event setup are nominated as controlled access points and are to be managed by facilities staff during these times. Service vehicle access for everyday operations of the centre are outlined on the following page.

Martin Avenue to be utilised for general vehicle turnaround (traffic management required)

On street parking bays can facilitate turnaround provided temporary parking controls are implemented

- Retractable bollards
- Temporary road closure extent - large events
- Additional temporary road closure extent - major events
- Emergency access only during events
- Temporary signage during events
- Event setup vehicular access
- Vehicle turnaround space





Controlled access plan





Multiple controlled access points will be integrated across the site to allow for everyday operations in and around the Plaza space. Emergency services access, delivery and loading access to MCC and SAALC have been considered including accommodation of appropriate vehicle size. The pavement design will allow for appropriate vehicular loading in these areas.

Other infrastructure and design elements within the space such as lighting, public art and tree locations will also consider requirements for restricted vehicular access.

Access will be controlled through a number of strategies including retractable bollards operated by pin number pad and temporary and permanent signage.

Vehicular access and traffic management during events is outlined on the previous page.

LEGEND

-  Loaded pavement
-  controlled access point for SAALC events and emergency services
-  controlled access point for service delivery to back of MCC events and maintenance
-  controlled access point for event setup, emergency services and maintenance





Thank you.