



Community Precinct Master Plan

Truganina (South East)

Prepared for
Wyndham City Council

Issued
31 October 2018
Level 5, 18 Oliver Lane
Melbourne VIC 3000
Australia
T. 61 3 9699 6688
urban@sjb.com.au
sjb.com.au

We create amazing places



At SJB we believe that the future of the city is in generating a rich urban experience through the delivery of density and activity, facilitated by land uses, at various scales, designed for everyone.

Version: 05
Prepared by: BF, LF & NC
Checked by: AR

Contact Details:

SJB Urban
Level 5, 18 Oliver Lane
Melbourne VIC 3000
Australia

T. 61 3 9699 6688
urban@sjb.com.au
sjb.com.au

SJB Urban Pty Ltd
ABN 65 310 854 308
ACN 123 754 361

Ecology and Heritage



Sport & Recreation



Quantity Surveyor



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Introduction

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1.1 Project Purpose

The Community Precinct Master Plan (CPMP) has been prepared to guide the delivery of the Active Open Space and Community Facility at Truganina (Truganina South East). The Master Plan concentrates on the facilities to be delivered by Council however seeks to maximise integration with proposed surrounding uses and infrastructure, including the adjacent Government School. These Facilities are referred to in the Precinct Structure Plans and Developer Contributions Plan as:

- Truganina - Level 1 Children's Centre (CO-90-01)
- Truganina - Sports Reserve (S-90-04)

1.2 Methodology

SJB Urban has worked in collaboration with Council officers, SJB Architects, Biosis (Ecology and Heritage Consultants), Insight Leisure Planning (Sport & Recreation Consultants) and Rider Levett Bucknall (Quantity Surveyors) to deliver Master Plans for Truganina and Tarneit North concurrently. The development of the Master Plans has been across five stages; Stage 1 Background Analysis, Stage 2 Concept Design, Stage 3 Design Development, Stage 4 Draft Master Plan and Stage 5 Final Master Plan. Consultation was undertaken in Stage 2 with the developers and community through drop-in sessions and an online survey. Additionally, feedback was sought on the Draft Master Plans in October 2018 during public exhibition.

1.3 Council Aims

These community precinct's will be locally accessible places for people moving into the growing areas of Tarneit North and Truganina. These are located in the south-eastern corner of their respective Precinct Structure Plans (PSP's) where many new homes are being built and a high proportion of families and first home buyers are starting their new lives. This community precinct will have an Early Years Learning Centre where families will have access to a range of services and supports. At this centre children will be able to attend their local kindergarten where they can transition into the schools next door. Families of all ages will also have access to sport and recreation in the large active open space reserve where they can join a team, go for a walk/run or have a kick around with friends.

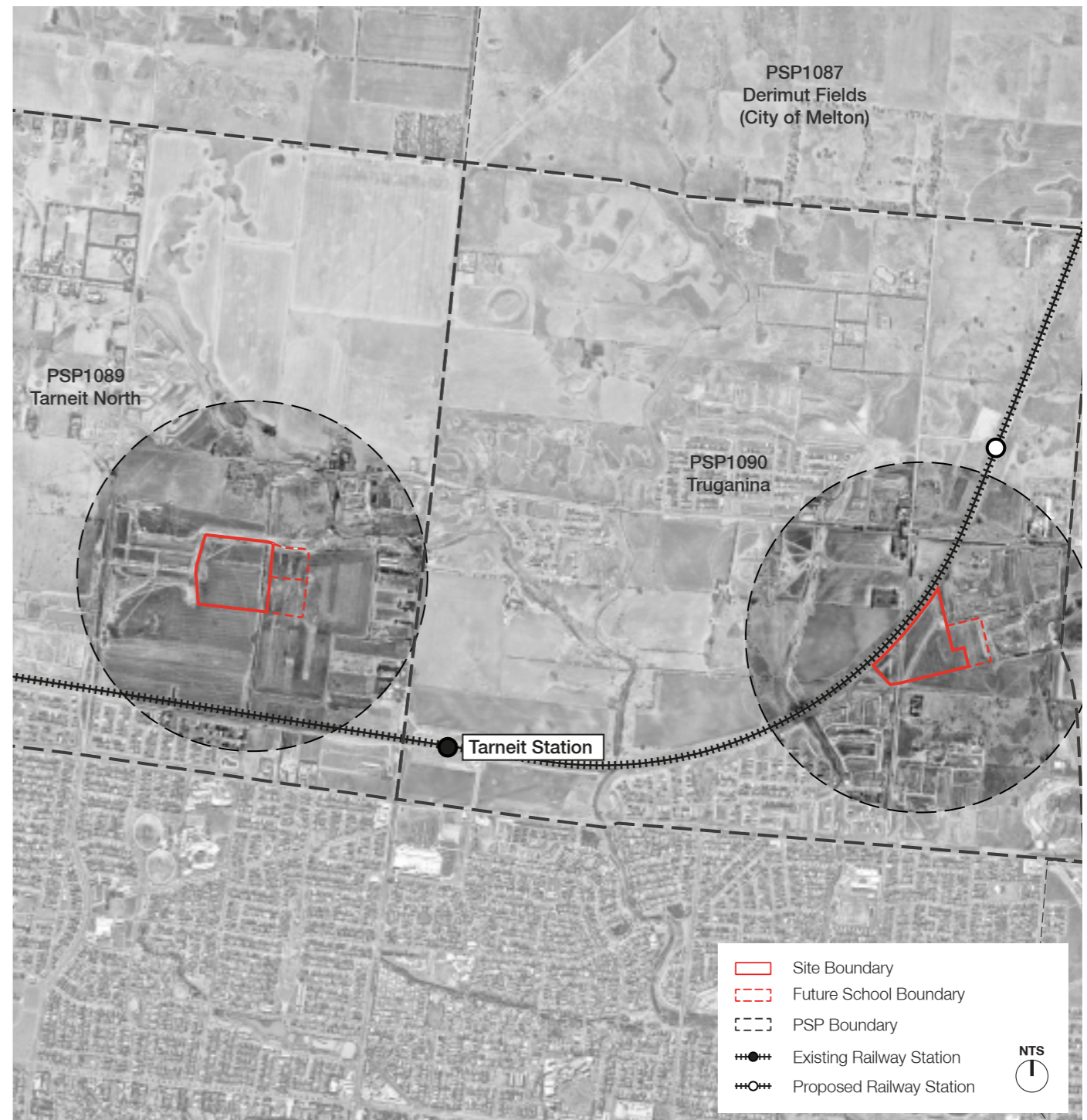
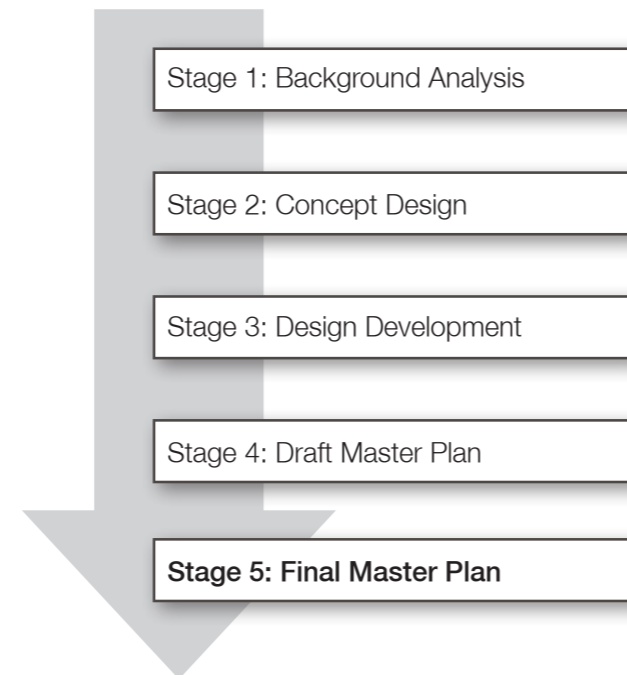


Figure 01: Site Context Aerial (source: Near Map)

Introduction

1.4 Regional and Local History

Regional

The Kurung jang balluk clan of the Wurundjeri language group occupied the study area for tens of thousands of years prior to their dispossession by the British. At the time of writing, the Bunurong Land Council and Yaluk-Ut Weelam are the RAP applicants for the Study Area. Their name refers to the red earth of their estate, which encompassed the area between the Werribee River and Kororoit Creek, and included parts of Wyndham, Mount Cottrell and Melton (Clark, 1990). They moved seasonally around their territory, curating the landscape and making use of its diverse resources. The economic activity of the Kurung hang balluk people focused on exploiting the plant resources of the area and ensuring the growth of a range of edible tuberous herbs (Bott, 2005).

European settlement of the area around Tarneit and Truganina began in 1803 when the Surveyor General of New South Wales, Charles Grimes, led a small party to explore the shores of Port Phillip Bay, including the mouth of the Werribee River, venturing into the inland plains of the western district for several kilometres (James, 1985). The land was described as “grassy” and “treeless”, with “bad stony soils” (James, 1985, p.4). The first official settlement occurred in 1849 on the site of the present township of Werribee. Pastoral settlement occurred from the 1850s to the 1890s, dominated by the Chirnside family who acquired several runs and owned approximately 85,000 acres freehold and 80,000 sheep by 1875. In the 1890s Chirnside’s Werribee Park was subdivided for farming and the Board of Works Metropolitan Farm was established, adding impetus to the transformation of the economy of the area from pastoralism to farming and resulting in a dramatic increase in the population.

Truganina

The history of Truganina mirrors that of the Werribee district as a whole, and forms part of vast tracts of land which John Batman attempted to purchase from the leaders of the Wurundjeri in 1835. The village of Truganina was sold as county lands on 7 April 1858 named after Truganina, who was actually named ‘Trugernanner’ and was born in Tasmania in around 1812 having lived through the infamous Black War of the colonists against the Indigenous people of that state. She was described as “small in stature, forceful, gifted and courageous” (Context, 2012).

The immediate Truganina area was part of a pastoral run purchased by John and William Doherty in the 1850s (Spreadborough & Anderson, 1983). The area was subdivided into farm lots in a distinctive grid-like arrangement and used predominantly for cropping and dairying. The original village centre was located at the intersection of what is now Woods and Dohertys Roads. A Wesleyan Chapel opened in 1852 on Skeleton Creek, then a Baptist Church and finally a school in 1862. The 1969 bushfires claimed all the cemetery records at Truganina, a number of headstones and about 60 houses in the area.

Strategic Context

2

2.1 Plan Melbourne 2017-2050

Plan Melbourne is the Metropolitan Planning Strategy that outlines the vision for Melbourne's growth over the next 35 years. The Strategy considers population, jobs, housing, transport, environment and community and liveability and is structured around 9 Principles, 7 Outcomes, 32 Directions and 90 Policies. The following are considered most relevant:

Direction 5.1 Create a city of 20-minute neighbourhoods

A 20-minute neighbourhood must:

- be safe, accessible and well connected for pedestrians and cyclists to optimise active transport.
- offer high-quality public realm and open space.
- provide services and destinations that support local living.
- facilitate access to quality public transport that connects people to jobs and higher-order services.
- deliver housing/population at densities that make local services and transport viable.
- facilitate thriving local economies.

Direction 5.3 Deliver social infrastructure to support strong communities

Policy 5.3.1 Facilitate a whole-of-government approach to the delivery of social infrastructure.

- Growth areas require the facilities and services that bring communities together—schools, kindergartens, early years centres, parks and playgrounds—early in the development process and in the right locations.
- Future school development needs to be linked with local sports infrastructure to maximise the use and the benefits gained from co-location.

Direction 5.4 Deliver local parks and green neighbourhoods in collaboration with communities

Policy 5.4.1 Develop a network of accessible, high-quality, local open spaces.



Figure 02: Plan Melbourne



Figure 03: Truganina Precinct Structure Plan

2.2 Precinct Structure Plans (PSP)

Precinct Structure Plans are long-term plans for urban development, describing how land is expected to be developed and how and where services are planned to support development. Generally, a PSP:

- Sets out plans to guide the delivery of quality urban environments in accordance with the Victorian Government policies and guidelines.
- Enables the transition from non-urban land to urban land.
- Sets the vision for how land should be developed, illustrates the future urban structure and describes the outcomes to be achieved by the future development.
- Outlines projects required to ensure that the future community, visitors and workers within the area are provided with timely access to services and transport infrastructure necessary to support a quality, affordable lifestyle.
- Sets out objectives, requirements and guidelines for land use, development and subdivision.
- Provides Government agencies, the Council, developers, investors and local communities with certainty about future development.
- Addresses the requirements of the Environment Protection and Biodiversity Conservation Act.

The Truganina Precinct Structure Plan (PSP), prepared by the Metropolitan Planning Authority (MPA), was introduced into the Wyndham Planning Scheme via Amendment C175 in November 2014. The PSP area is generally bound by Boundary Road to the north, Derrimut Road to the west, Leakes Road to the south and Forsyth Road to the east. The PSP applies to approximately 1089 hectares of land and aims to deliver a minimum of 9,105 new home and ultimately accommodate around 25,000 people. The PSP provides for four large Active Open Space Reserves to accommodate future demand for formal sports participation. The Truganina Master Plan relates to the 10.42-hectare Reserve (S-90-04) and 0.6-hectare Community Facility - Level 1 Children's Centre (CO-90-01) located between the water easement and rail line at the termination of Woods Road.

The following Objectives, Requirements and Guidelines are considered relevant to the Truganina Community Precinct Master Plan:

Overall Objectives

- Objective 01 - Recognise the history, heritage and character of the Werribee Plains in a new urban environment through the protection of natural waterway corridors, retention of significant vegetation, habitat and dry-stone walls, and the promotion of heritage.
- Objective 02 - To create an urban landscape that integrates with the existing biodiversity, cultural heritage, drainage and landscape values within the precinct including the Woods Road conservation area and the Truganina Cemetery conservation area.
- Objective 05 - Deliver an integrated network of local parks, sports reserves and community infrastructure that meets the needs of the new community.
- Objective 06 - Achieve a diversity of streetscape and open space outcomes to enhance local character and amenity.
- Objective 07 - Establish a landscape of connecting canopies along streets, parks and waterways.
- Objective 19 - Ensure that development staging is co-ordinated with the delivery of key local and state infrastructure.

Image, Character, Heritage & Housing

- Requirement 02 - Trees in parks and streets must be: suitable for local conditions; and planted in modified and improved soil as required to support tree longevity.
- Requirement 04 - Connector roads and access streets must be aligned to create views and direct connections to waterways and open space.

Strategic Context

Open Space & Community Facilities

- Requirement 27 - All public landscaped areas must be designed and constructed to enable practical maintenance and planted suitable to the local climate and soil conditions.
- Requirement 34 - Schools and community centres must be designed to front and be directly accessed from a public street with car parks located away from the main entry.
- Guideline 25 - Community facilities, schools, and sporting reserves which are co located should be designed to maximise efficiencies through the sharing of car parking spaces and other complementary infrastructure.

Biodiversity

- Guideline 27 - Street trees and public open space landscaping should contribute to habitat for indigenous fauna species, in particular animals and birds that use trees as habitat.

Transport and Movement

- Requirement 54 - Any connector street or access street abutting a school must be designed to achieve slow vehicle speeds and provide designated pedestrian crossing points as required by the responsible authority.
- Requirement 57 - Bus stop facilities must be designed as an integral part of town centres and activity generating land uses such as schools, sports fields and employment areas.
- Requirement 60 - Bicycle parking facilities are to be provided by development proponents in convenient locations at key destinations such as parks and activity centres.
- Requirement 62 - The alignment of off-road bicycle paths must be designed for cyclists travelling up to 30km/h.

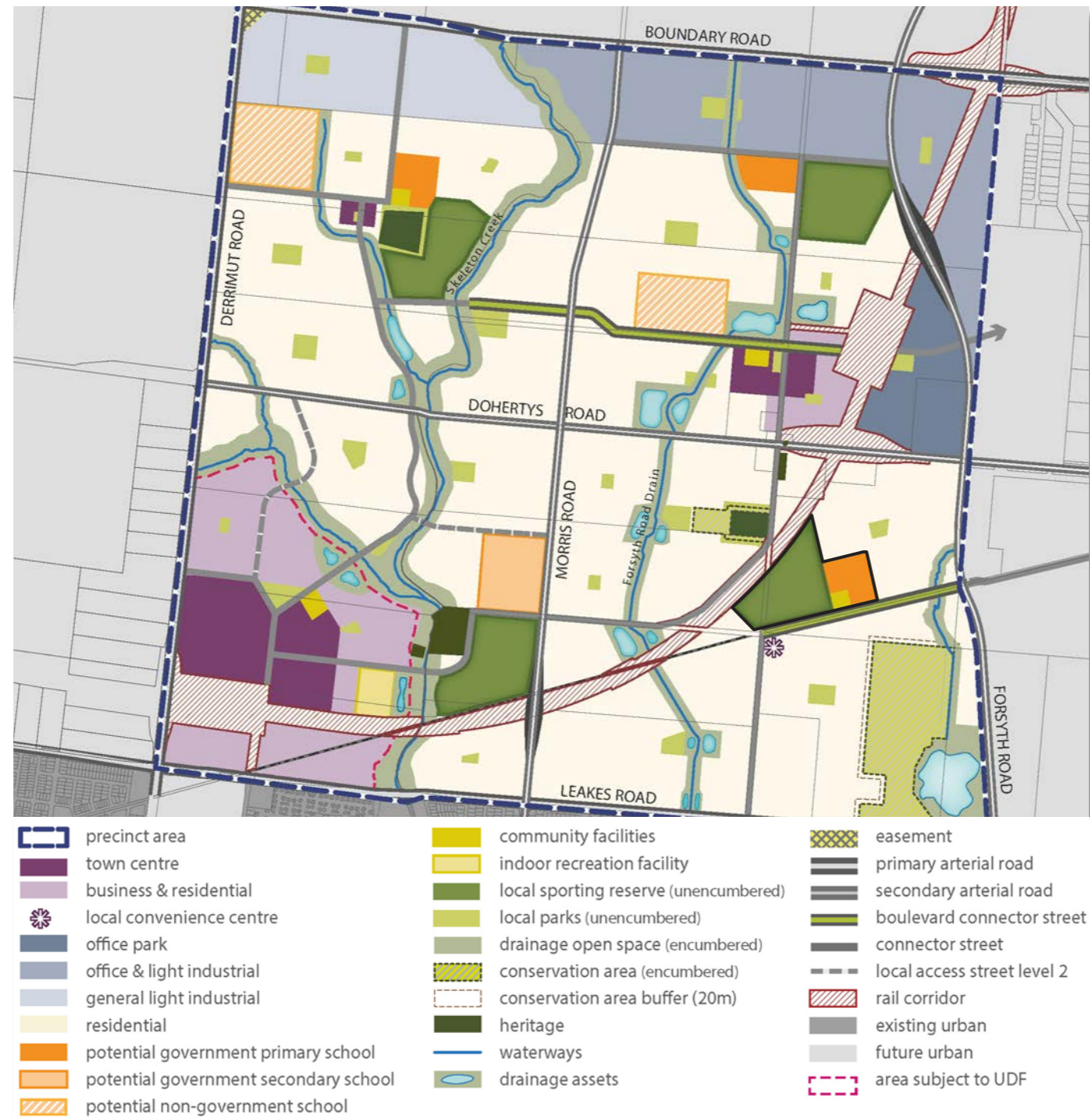


Figure 04: Truganina PSP Plan 2 - Future Urban Structure (P08)

Strategic Context

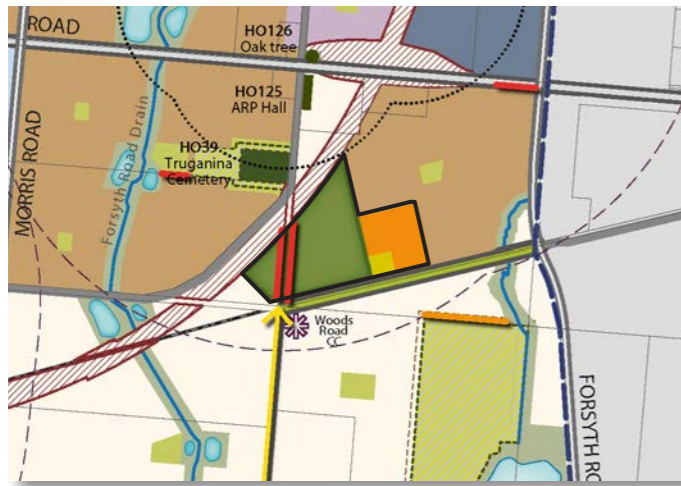


Figure 05: Truganina PSP Plan 3 - Image, Character & Heritage (P10)



Figure 06: Truganina Plan 4 - Open Space (P20)

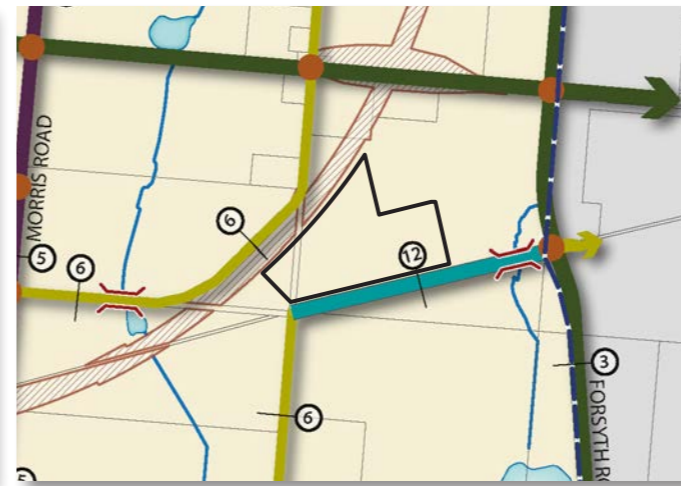


Figure 07: Truganina PSP Plan 6 - Street Network (P34)



Figure 08: Truganina PSP Plan 7 - Public Transport & Path Network (P38)

- precinct area
- town centre
- business & residential
- local convenience centre
- primary walking catchment (town centre)
- office park
- potential government primary school
- community facilities
- local sports reserve (unencumbered)
- local parks (unencumbered)
- drainage open space (encumbered)
- conservation area (encumbered)
- heritage area
- heritage site
- view lines
- waterways
- existing dry stone wall to be retained
- existing dry stone wall with potential for retention
- 400m town centre catchment
- 1Km town centre catchment

- precinct area
- local sports reserve
- local sports reserve catchment (1000m)
- local parks
- local parks catchment (400m)
- drainage open space (encumbered)
- heritage
- conservation area (encumbered)
- waterways
- community centre
- L3** community centre level

- precinct area
- arterial road (4 lane)
- arterial road (2 lane)
- feature connector street (refer table 6)
- connector street
- signalised intersection

- precinct area
- principal public transport network
- railway line & station
- railway line & potential future station
- arterial road (bus capable)
- local road (bus capable)
- general alignment of key local access street
- on-road bike lane & shared path (off-road)
- bike path (off-road)
- principal bike network (off-road)
- shared path (off-road)
- shared pedestrian/cycle bridge
- shared pedestrian/cycle underpass
- signalised intersections
- pedestrian signals

Strategic Context

2.3 Wyndham Planning Scheme

Zoning

The subject site is currently zoned Urban Growth Zone – Schedule 10 (UGZ10), which refers to the Truganina PSP. The UGZ sets out a table of proposed uses and the applied zones. Relevant to the development of the Community Precinct is 2.4 Specific Provisions – Use and Development of Future Public Land which stipulates - *a permit is not required to use or develop land shown in the Truganina Precinct Structure Plan as public open space or community facilities provided the use or development is carried out generally in accordance with the Truganina Precinct Structure Plan and with the prior written consent of Wyndham City Council.*

Overlays

The site is also affected by Development Contributions Overlay – Schedule 13 (DCP13). The Development Contributions Overlay relates to the Wyndham North Development Contributions Plan. The site is also affected by Design and Development Overlay - Schedule 10 (DDO10) which refers to Regional Rail Link Section 2 Rail Noise Attenuation. The purpose of the Overlay is to *reasonably protect bedrooms from the impacts of noise generated by the operation of trains on land designated as the project area for Regional Rail Link Section 2 under Part 4 of the Major Transport Projects Facilitation Act 2009.* The DDO affects land within 100 metres of the Regional Rail Link.

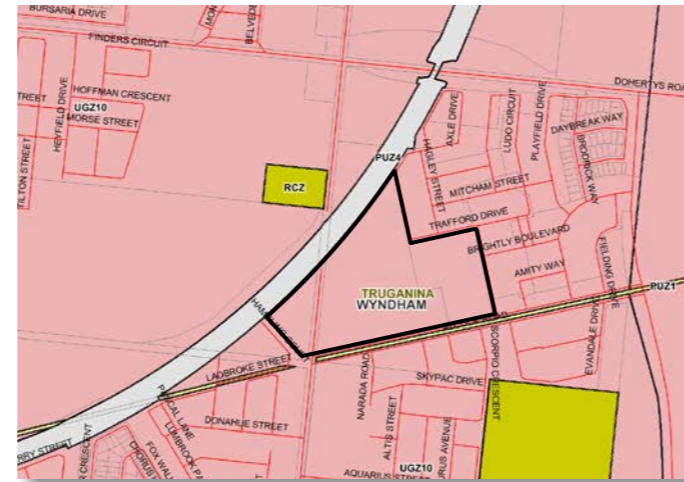


Figure 09: Truganina - Zoning (UGZ10)

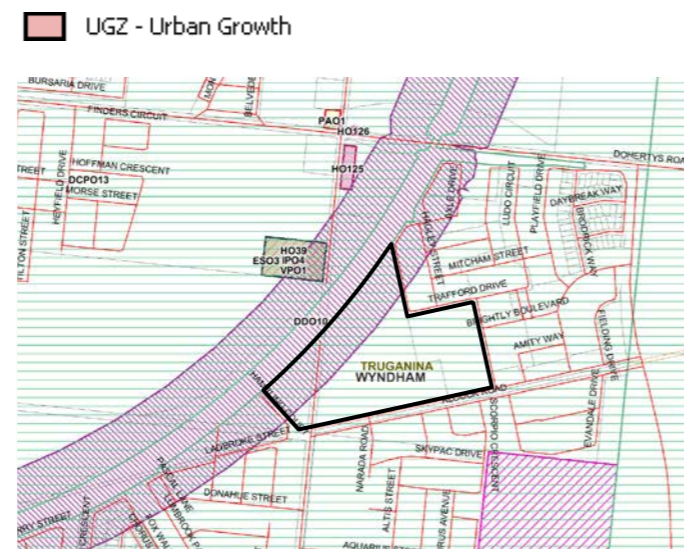


Figure 10: Truganina - Overlays (DCP13 & DDO10)



2.4 Wyndham 2040 Community Plan

The Wyndham 2040 Community Plan consists of the Wyndham 2040 Vision and Wyndham District Plans (East, West, Central and Hume). The Community Plan was developed in 2015 and is the result of extensive community consultation including surveys, workshops, forums and conversations. The themes of People and Community, Places and Spaces; Earning and Learning; and Leadership and Participation were utilised to capture these ideas and subsequently frame the 2040 Vision for Wyndham City. The following vision statements are considered relevant:

People and Community

- *Wyndham will be a family friendly city. Relationships between family members will be strong.*
- *The people of Wyndham will be connected to each other. Our communities will be welcoming. We will be known for listening to and learning from the diversity of all residents.*
- *Wyndham will celebrate culture and art. We will share stories that challenge and inspire.*
- *We will acknowledge the Aboriginal heritage of the land. The country beginnings of our towns and shire will be remembered.*
- *Wyndham residents will have opportunities to stay fit and healthy. Services for health will be easily accessed and delivered at a high standard. Community members will be confident and part of caring neighbourhoods.*

Places and Spaces

- *Our city will offer a diverse range of housing types and built environments that contribute to the quality of life of residents at all ages*
- *Our parks and open spaces will connect people with the outdoors and each other. They will be activated and inviting destinations for residents and visitors.*



Figure 11: Wyndham 2040 Vision

Earning and Learning

- *Wyndham will be known for great schools and universities. There will be lots of ways for people to learn and gain employment.*
- *Residents will be able to share skills and build knowledge at community centres.*

Wyndham 2040 outlines the characteristics of achieving 'Places for People', which are broadly vibrant places where people can meet and connect with each or just relax and enjoy. The characteristics of these places include:

- *Neutral Ground* – anyone can be there regardless of social status
- *Social Connection* – connect with each other
- *Arts & Culture* – creative spaces
- *Good Design* – at a human scale
- *Accessible* – free, publicly accessible, somewhere you can sit for a long time
- *Low profile* – modest and understated physical style

Strategic Context

2.5 Wyndham Open Space Strategy 2045

The Wyndham Open Space Strategy (WOSS), adopted in January 2016 provides the framework for the future planning, provision and management of council owned and managed open space in Wyndham. It seeks to address the needs of the existing community and future growth. The vision of the Wyndham Open Space Strategy states Wyndham will “provide an accessible and well-connected open space network which contributes to the social interaction, health and wellbeing of our community and protection of our natural and cultural environment now and into the future”. The Strategy provides the following principles:

Accessible and Equitable – A network of fit for purpose open spaces that connects destinations and allows Wyndham residents to access, explore and enjoy their city regardless of location, age, ability or culture. It is important to ensure the equitable provision of open space opportunities across both genders commensurate with community demand.

Health and Wellbeing – An open space network that facilitates varied opportunities to engage in physical activity and social connectedness.

Efficient – Planning, development and management of a range of open space settings that support a balanced diversity of leisure activities and optimise land use efficiencies and functionality.

Nature and Heritage – Siting, development and management of open space in a way that respects and recognises local biodiversity, Indigenous and European heritage values and natural landscape characteristics.

Sustainable and Adaptable – planning, siting and development of open space that considers:

- whole of life asset management across all areas of design, construction, maintenance and disposal
- climate change and adverse effects on the environment
- Council's resource capacity in the future
- changing community needs over time, demographics, leisure participation and leisure trends.



Figure 12: Wyndham Open Space Strategy 2045

Partnerships – A collaborative approach with the community, schools, all levels of government, peak sporting associations, community organisations and the private sector in the planning, provision, development, communication and management of open space.

Safety – Siting, design and development of open space to maximise public safety, passive surveillance and security of assets.

The WOSS separates open space into four distinct typologies; passive, active, conservation, landscape and amenity, and encumbered open spaces. The Truganina Community Precinct is to provide for both passive open space for informal and unstructured recreation and active open space for formal and structured sport. The WOSS identifies the difficulty in sharing community open space with adjacent schools and the use of school facilities by community. It is noted that the successful co-location and joint use of facilities relies on engagement with the Department of Education and Training in the planning and development stages.

2.6 Wyndham Sports Strategy 2045

The Wyndham Sports Strategy was adopted in November 2017. The Strategy provides a comprehensive demand analysis evidence base for the delivery of sport and active recreation facilities across Wyndham. The Strategy will be reviewed every five years to ensure community demand and forecasting is accurate. The vision of the Wyndham Sports Strategy states Wyndham will “establish an integrated and sustainable sports facility network across the municipality which will benefit the physical, mental and social wellness of the whole community now and in 2045”.

The Strategy classifies sports facilities into six categories; Urban Dry Land Outdoor Sports, Urban Dry Land Indoor Sports, Aquatic Facility Sports, Aquatic Outdoor Sports, Hard to Locate Sports and Dry Land Natural Setting Sports. Facilities are also categorised into Network, Municipal, Regional and District Sports. The Wyndham Community Precincts will deliver Active Open Space Reserves for Urban Dry Land Outdoor Sports – Cricket, Soccer, Softball (Tarneit North only) and Tennis. The following provides of the demand analysis for the sports relevant to the Tarneit North and Truganina Community Precinct Master Plans, undertaken to inform the Sports Strategy. Community demand is represented as the percentage of the Wyndham community with engage in sport and active recreation and the demand ratio of facilities.

Cricket (District Sport)

- Community demand 3.64% (demand ratio 1: 6,107)
- Predominately male (84%) with most females (15%) playing mixed or in the one women's and one girls team operating in Wyndham.
- Participation across all age groups, strongest demand between 18-50 years of age (55%), under 18 (33%) and over 50 years (11%).
- Currently supply 37 ovals in summer (booked out to capacity) and 7 ovals in winter.



Figure 13: Wyndham Sports Strategy 2045

Strategic Context

Soccer (District Sport)

- Community demand 4.66% (demand ratio 1: 5,743)
- Soccer has the second highest demand for outdoor active open space in Wyndham.
- Participation primarily in a club environment with demand across social, casual, free and lessons settings also required.
- Males (77%) participate in the sport more than females (23%).

Tennis (District Sport)

- Community demand 4.26% (demand ratio 1: 4,301)
- Third highest participation base.
- Club competition (44%), social (25%) and casual no fee (19%) highest engagement.
- Equal participation by men (50%) and women (50%).
- Junior (50%), 15-50 (37%) 50+ (12%).

The demand assessment undertaken as part of the Sports Strategy resulted in the following recommendations relevant to each site:

- *Recommendation #24 Hockey: Establish a pitch in Truganina to support hockey demand in the north of Wyndham.*
- *Recommendation # 38 & 39 Cricket: Master Plans for reserve (S89-04 & S90-04) to include a cricket oval overlay.*
- *Recommendation # 49 Soccer: Master Plans (S89-04 & S90-04) to include three soccer pitches.*
- *Recommendation # 58 Tennis: Consider provision of 6 tennis courts at each site (Tarneit North and Truganina).*

The Wyndham Sports Strategy recommends that the Active Open Space Reserve in Truganina be developed to *Category B District* standard recreation reserve. Category B venues are described as "...primarily attract Wyndham residents...and are capable of hosting junior and senior levels of competition and training for local sporting associations, clubs and schools". Based on the Sport Strategy recommendations, the following sports facilities are to be provided at Truganina; Soccer x 3 fields, Cricket x 1 over (overlay with soccer), Tennis x 6 courts (with scope for future expansion). Hockey – not to be provided at this site. Alternative location to service the north of the municipality to be determined in future planning.

Across Wyndham as a whole community satisfaction with current sports infrastructure is high. Parks, Gardens and Open Space were rated as the third most important aspect of local government service provision by residents. The Sports Strategy notes that access to parks gardens and open spaces are important to the whole community. Furthermore, the secondary uses of active open space for informal recreation, health and wellbeing will be important to balance with the primary function of sport. The demand analysis results identified walking as the activity with the highest participation demand percentage - 30.79%, followed by jogging (8.4%) and cycling (8.3%). The Sports Strategy recommends including (where feasible) a shared trail loop with distance markers (Recommendation 59 - Page 85).

The Strategy is underpinned by four Principles that require consideration in Master Plans; Best Value, Maximise Participation, Social Impact and Sustainable Partnerships. The Master Plan responds to the Principles in the following ways:

Principle & Master Plan Response

Best Value - *Provide a legacy of facilities that are accessible, equitable and responsive to the Wyndham community's wellbeing, environment and economy.*

- Provide facilities that reflect identified community needs.
- Maximise opportunities for multi-use of facilities and infrastructure.
- Open space design which promotes accessibility, inclusiveness and diversity in participation opportunities.

Maximise Participation - *Enable Council to address the access needs of growth activities and diversity of sporting opportunities in our locally diverse and globally connected community.*

- Provide for sports with growth needs – i.e. soccer, cricket, tennis and softball.
- Provide for activities that reflect community interests.
- Maximise multi-use options.
- Cater for both formal sport and informal recreational use.
- Provide lighting to maximise opportunities for use of facilities.
- Provide an integrated path network.

Social Impact - *Ensure sports infrastructure inclusively connects residents and facilitates the development of community capacity and social leadership.*

- Provide facilities for use by sporting clubs and community groups.
- Provide facilities for social gathering and intergenerational use.

Sustainable Partnerships - *Develop strong partnerships between Council, the community and industry regarding the capital development of facilities.*

- Plan facilities having regard to existing Developer Funding Contributions.
- Provide Master Plans that could support possible external funding applications.
- Maximise opportunities for shared use and partnerships with adjacent schools.

Table 01: Sports Strategy Principles

Strategic Context

2.7 Wyndham Sports Facility Capital Development Guide

The Sports Facility Capital Development Guide was adopted in September 2015. The Guide informs the planning of all new sports facilities. The primary aim is to “provide flexible and sustainable active open space for the Wyndham community”. Relevant underpinning Principles include:

- *Maximise the flexibility of facilities through inclusive design which promotes active leisure by the whole community including people of varying ages, interests, gender, identities, abilities and cultures.*
- *Ensure facilities are fit for purpose and sustainably enhance the community’s resources.*
- *Support local access to local communities to increase community connectedness.*
- *Provide safe, supportive and respectful environments to participate, free from discrimination and fear of violence.*
- *Maximise the principles of Environmental Sustainable Design to conserve and enhance the communities future resource needs.*
- *Ensure facilities are aesthetically responsive to their local community to increase community connectedness.*
- *Ensure equitable community participation in recreation and leisure pursuits.*

A matrix of sports facilities is utilised to classify facilities. The matrix is based on the level of sport (including level of competition and participation or catchment) and infrastructure needs (including scale, state classification and maintenance requirements) of the sport. The facilities to be provided at Truganina (Soccer, Cricket and Tennis) are all classified as Category B.

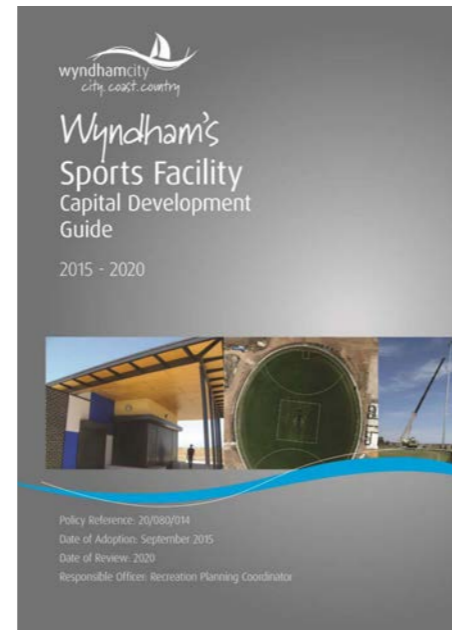


Figure 14: Wyndham Sports Facility Capital Development Guide

The Facility Development Standards component (Tables 3.3 – 3.7) of the Sports Facility Capital Development Guide contains guidelines for Category B sports to determine the provision for playing surface areas, pavilions/clubrooms and associated supporting infrastructure for Oval Sports (Australian Rules & Cricket); Rectangular Pitch Sports (Soccer, Hockey, Lacrosse, Rugby League and Rugby Union); Tennis; Outdoor Netball and Volleyball; and Other Sports (softball, baseball, athletics, golf, cycle sports, skate and archery). Guidelines relevant to the proposed scope of sport facilities are summarised in Table 02.

Sport Facility	Key Design Considerations
Cricket	<ul style="list-style-type: none"> • Sites with a minimum of 2 ovals preferred. • Preferred size (when sharing with AFL) is 165x x 135m, plus 4m boundary. However, when not sharing with AFL a 70m diameter or 55m diameter is preferred respectively for Seniors and Juniors. • Synthetic central wicket (i.e. not turf wicket). • Cricket practice nets – 4 pitches in total (3 lockable, 1 open to public at all times).
Soccer	<ul style="list-style-type: none"> • Minimum 2 fields, preference for 3 fields for soccer venues. • Size 105m x 68m preferred, plus boundary/buffer minimum 3m. • Training standard lighting to be provided to two pitches (100 lux).
Tennis	<ul style="list-style-type: none"> • Minimum 6 courts and no more than 16 courts. A minimum of 4 courts will be constructed in the first stage of all new facility developments. • Council's standard for provision will be acrylic or a similar hard-court surface. • Court size as per Tennis Victoria official requirements.
Sports Pavilion	<ul style="list-style-type: none"> • Co-location / multi-use buildings preferred. • Refer to Development Guide for detailed design facility considerations and room sizes.
Car Parking	<ul style="list-style-type: none"> • Sealed car parking for 100 cars (cricket/AFL). • Sealed car parking for a minimum of 60 up to 90 cars at a 3 pitch soccer facility. • Sealed car parking for 30 cars (for tennis courts). • Provision for bus drop off and turn around.
Other Infrastructure	<ul style="list-style-type: none"> • Consideration to be given to a range of ancillary infrastructure, including but not limited to: <ul style="list-style-type: none"> • Fencing – field and reserve. • Player & coaches shelters/benches. • Goal posts/nets. • Scoreboards. • Bicycle parking. • Community multi-age play space. • BBX/picnic facilities (where appropriate). • Pedestrian network.

Table 02: Sports Facility Guide Summary

Strategic Context

2.8 Wyndham Reconciliation Action Plan 2017 - 2019

The Reconciliation Action Plan (RAP) was adopted by Council in December 2017. The RAP identifies how Council will respect, build relationships and create opportunities with Aboriginal and Torres Strait Islander peoples. The RAP will lead the way in developing processes and structures that pay respect to their peoples, cultures and lands. The vision for Reconciliation that guides the policy is “*diverse communities, connected through stories; living with respect for the land, sharing resources fairly*”. The RAP is centred around the themes of Relationships, Respect and Opportunities. The following actions are considered most relevant:

2. Respect – Strengthen awareness, acknowledgement and engagement with Traditional Owners across all our business.

- *Explore opportunities for incorporating Aboriginal place-names, languages, design features and cultural heritage information in a wide-range of existing infrastructure and future developments.*

4. Respect – Integrate Reconciliation priorities and Aboriginal community engagement into all our planning.

- *Ensure that strategic planning and service coordination is informed by current Aboriginal and Torres Strait Islander population data for Wyndham City to support improved outcomes in health, education and employment.*

5. Respect – Support education for Reconciliation

- *Promote education by and about Aboriginal people and cultures in early years.*
- *Promote ongoing learning about Aboriginal cultures, histories and politics.*



Figure 15: Wyndham Reconciliation Action Plan (2017)

2.9 Community Assets and Needs Assessment (March 2018)

The Community Assets and Needs Assessment forms the first stage of the development of a Service Plan for the Community Facilities at Truganina. The Assessment is completed by the Service Planning, Partnering and Reform Team at Wyndham City Council. The Assessment establishes the drivers for the establishment of the Community Precincts including rapid population growth and service and infrastructure shortfalls. The Community Profile provides an overview of the rate of population growth across Wyndham City and Truganina. Key socioeconomic and demographic data is summarised as follows:

- Wyndham’s population increased by more than 55,000 people in the period between 2011 and 2016 (largest population increase in Victoria).
- The population in the Truganina PSP is estimated to be 1,756 in 2018. This is estimated to rise to 17,352 in 2036 – a growth of almost 900%.
- Babies and pre-school children (aged 0 to 4) make up 6% of the population in 2018. This will increase to 10% by 2036.
- The proportion of school-aged children (5-17) will increase from 7.8% in 2018 to 18.9% in 2036.
- In 2018 44.3% of all households are couple families with children. From 2026 onwards half of all households will be couples with children.

The Community Assets and Needs Assessment outlines the brief for Integrated Family Centres to be delivered at Tarneit North. Integrated Family Centres are defined as *service hubs for the local community by bringing together a range of services, usually under one roof, where practitioners work in a multi-agency way to deliver integrated support to children and families*. The provision of integrated services is a crucial driver behind the functional relationship plan for the IFC and Master Plan response.

There is an identified shortfall in the provision of facilities in the short term across the suburbs of Tarneit, Truganina and Williams Landing. By 2031 the capacity of Kindergarten facilities is likely to exceed demand. In response to this Kindergarten facilities need to be designed with flexibility and adaptability for broader community uses in the longer term.

Strategic Context

2.10 Demographics

Truganina is a highly diverse area located in the east of the Wyndham Local Government Area. As well as having a rapidly growing residential area, there is a significant industrial hub within the suburb. The following table provides a snap-shot of key population characteristics for each suburb, along with an indication of how these have influenced the Master Plans.

Population	Approx 28,159 people. Approx 11% of the total Wyndham population.
Population Forecast (2041)	53,455 people (largest growth is forecast to occur between 2016 and 2021).
Median Age	29 years (<i>Wyndham 32 years</i>). High portion of young adults 30-34 years (17%),
Cultural Diversity	55% born overseas - Wyndham average is 42%. High proportion from India (20%) and sub-continent.
Households	Couples with children approx. 49% of family types. Average household size is 3.2 people (<i>Wyndham average 3.1 people</i>).
SEIFA	Truganina is slightly more disadvantaged than the municipality overall.

Table 03: Truganina Suburb Profile (City of Wyndham)

The recreation planning implications are summarised as follows:

- Rapid population growth will drive demand for access to additional facilities.
- The population profile of each suburb is relatively young. Younger age groups generally have higher levels of participation in organised sports.
- Demand for junior sport options will be significant associated with the high proportion of children, as well as reinforcing the importance of access to quality play spaces.
- Cultural diversity can influence sport and recreation demands. In particular contributing to strong demand for cricket and soccer participation – as these reflect popular sports in countries of origin.
- The high proportion of couple families with dependents will contribute to future sport and recreation demand, in particular providing opportunities for junior sport, active recreation (all ages), informal play and social gathering (for families and children) will be important.
- Walkability and informal open space will be important to providing accessible, free to use participation opportunities for residents with limited disposable incomes.
- There will also be demand for physical activity opportunities by older adults as well as younger residents. Quality walking paths, landscape amenity (including safety and security) and functional access to playing fields will be required for active recreation, play and physical activity.
- Pavilion design and management servicing the sport facilities should consider opportunities for community use beyond tenant sporting clubs (i.e. access to social rooms for community use or programming).
- Opportunities for social gathering and use of open space for cultural activities may also need to be considered.

Strategic Context

2.11 Sporting Bodies - Background Reports

Sport and Recreation Victoria

Sport and Recreation Victoria (SRV) has a number of strategies to inform Government priorities in relation to sport and recreation as well as planning guides to support infrastructure development. *Active Victoria – A Strategic Framework for Sport and Recreation in Victoria 2017-2021* sets out future priorities to support increasing participation in physical activities based on six key directions:

- Meeting demand;
- Broader and more inclusive participation;
- Additional focus on active recreation;
- Build system resilience and capacity;
- Connect investment in events, high performance and infrastructure; and
- Work together for shared outcomes.

The proposed Master Plans respond to these priorities by supporting provision of infrastructure that responds to identified community needs in Wyndham for formal sports (i.e. cricket, tennis, softball and soccer) as well as opportunities for informal recreation, play and multi-use community spaces.

SRV has also developed *Design for Everyone: A Guide to Sport and Recreation Settings*. The document provides a resource to assist the planning, design and development of inclusive sport and recreation facilities, including consideration of Universal Design and Female Friendly Facilities. The proposed Master Plan responds to key planning principles by maximising flexibility, multi-use, safety and effective functional relationships to ensure the built environment is usable to as many people as possible whilst remaining fit for purpose (i.e. formal sporting use).

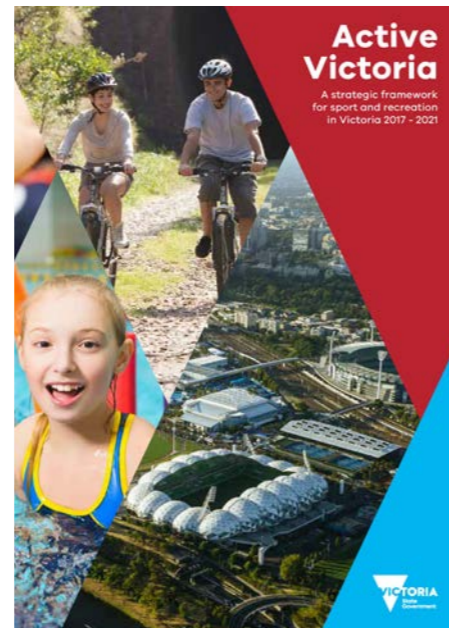


Figure 16: Sport & Recreation Victoria - Active Victoria

Future detailed designs may need to consider specific technical requirements outlined in sub-sections of the *Design for Everyone: A Guide to Sport and Recreation Settings* in relation to the following infrastructure components:

- Approaches, onsite roadways and pedestrian crossings.
- Tracks, pathways, ramps and stairs.
- Car parking and associated infrastructure.
- Kitchens.
- Spectator and viewing areas.
- Catering for assistance animals.
- Landscape design.
- Signage and wayfinding.
- Lighting and contrasts.
- Toilets and change rooms.
- Buildings.

Tennis Victoria

Tennis Australia developed the *Tennis 2020 Facility Development and Management Framework for Australian Tennis* in 2008 and updated in 2012. The framework outlined Tennis Australia's initial vision and approach to nurturing and advancing the prospects of tennis and its facilities in partnership with key stakeholders. Increasing tennis participation remains a key objective.

The report outlines a hierarchy definition for future facility provision. Local facilities are considered to have 4 or more courts and service a catchment of around 15,000 people in a 15km radius; District facilities usually include 8+ courts and service a population of around 50,000 within a 15km radius. The proposed facilities at Truganina will therefore initially be considered Local, with capacity for possible future expansion to District venue with up to nine courts.

The *National Tennis Facility Planning and Development Guide (2013)* seeks to provide guidance to tennis club operators, organisations and local councils regarding tennis facility development projects. The purpose of the Guide is not to provide detailed technical information, but to provide a common process and approach to tennis facility development. Key considerations relevant to the Master Plan include:

- The optimum tennis court orientation is north-south.
- 6 courts require an enclosed area approximately 0.38ha.
- Where possible, consider future growth when planning and designing court and facility layout.
- Floodlighting is an essential element to any tennis facility – recommended lux levels to the Principle Playing Area are 250 lux for Recreational use; and 350 lux for Club competition standard.
- The preferred height for court fencing is 3.6m.
- There may be opportunities for Council to pursue support funding through the Tennis Australia National Court Rebate Scheme.

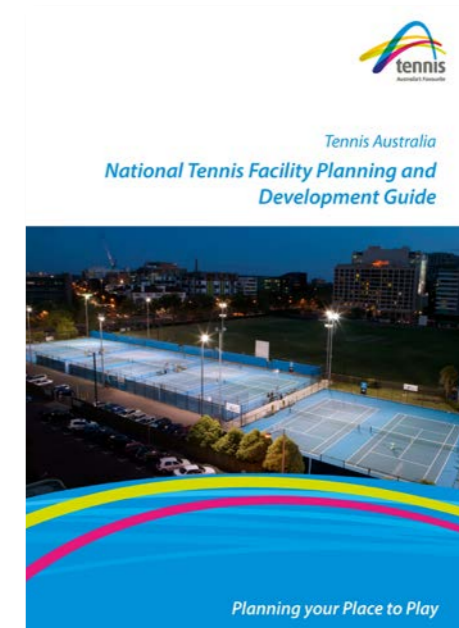


Figure 17: Tennis Australia - Facility Planning Guide

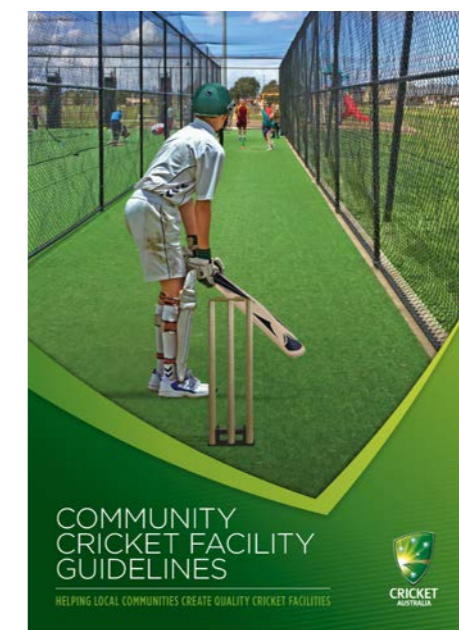


Figure 18: Cricket Australia - Community Cricket Guidelines

Strategic Context

Cricket Victoria

The *Victorian Cricket Infrastructure Strategy (2018)* identifies key future venue planning and development priorities for the 2018 to 2028 period. A key objective of the strategy is to increase participation and activation of existing facilities. Six major trends have been identified impacting participation:

- Increased demand for shorter/modified versions of the game.
- Increasing female participation.
- Changing junior competition formats.
- Increasing demand for cricket 12 months of the year.
- Increased levels of casual or social cricket.
- More flexible programming.

The Western Metro Region (including Wyndham) is cricket's fastest growing participation Region across Victoria. 645 additional players (approximately 60 more teams) registered between the 2014/15 and 2015/16 seasons, 200 more than any other Region across the State during the same period. Growth in membership was experienced across all traditional player categories (introductory, junior and senior) as well as 74 additional female players, taking total female participation figures to just over 200. Wyndham (2,294), Brimbank (1,612), and Hobsons Bay (1,026) were the largest participating areas across the Region following the 2016/17 season. When applying Cricket's National provision ratio average of 1:3,300 the West Metro Region will require access to an estimated 100 plus additional cricket grounds by 2031.

The rise of mid-season cricket or 'winter cricket' is expanding and more pronounced across western Metropolitan Melbourne, due mainly to the high proportion of subcontinent residents. This is increasing demand for access to facilities that can be used year-round. The Master Plans responds to this challenge by providing synthetic cricket pitches between soccer fields to enable them to remain uncovered and available year-round. Furthermore, the location, siting and size of playing fields and cricket practice nets are consistent with the *Cricket Australia Community Facility Cricket Guidelines*.

Football Federation Victoria (Soccer)

The State Football Facilities Strategy 2026 (released August 2018) identified the following four goals:

- More pitches.
- Increase the carrying capacity of existing pitches.
- Facilities suitable for all levels of the game.
- Facility development opportunities.

The Strategy notes that demand is exceeding the supply of pitches in most LGAs particularly in the Melbourne metropolitan area. If the game continues to grow as projected, 420 additional pitches will be desirable by 2026 – based on a 5% projected increase in player registrations. This equates to an average of 40 additional pitches in each of the 8 Melbourne metro regions. The report suggests that 13 additional pitches will be required in Wyndham by 2026, inclusive of lighting and appropriate support facilities (i.e. female friendly pavilion facilities). The proposed playing field and facility provision in Truganina (3 pitches) will help contribute to meeting current and projected demand.



Figure 19: Football Federation Victoria - State Football Facilities Strategy

Site and Context Analysis

3.1 Site & Context Analysis

Site Description

The Truganina site is located in the southeast portion of the Truganina Precinct Structure Plan. East of Forsyth Road, south of Dohertys Road, west of Morris Road and north of Leakes Road. It is an irregular allotment, approximately 11.02 hectares in size that interfaces with the Melbourne-Geelong rail line to the west and north-west. The site is currently vacant, cleared of significant vegetation and dry stone walls line both sides of Woods Road which currently extends into the site, terminating at the railway line.

Property ID	DCP Item	Area (Ha)	Developer
90-SE-03	S-90-4	9.2381	Villawood – Albright
90-SW-03	S-90-4	1.675	Dennis Family Corp – Westbrook
90-SE-03	CO-90-02	0.6Ha	Villawood – Albright

Table 04: Current Land Ownership

Land Use

Major land uses in the vicinity of the Truganina site include; the proposed Tarneit Major Town Centre (MTC) (approximately 2km south-west), proposed Truganina Local Town Centre (LTC) (approximately 1km north) and the Truganina Employment Area is located to the east of Forsyth Road. The Employment Area is expected to accommodate a diversity of light industrial, research and development uses.

The Truganina Community Centre is one of four proposed for the PSP area, L2 facilities are to be located within the Tarneit MTC and Truganina LTC. Due to the staging timeframes of the Town Centres, the facilities at the Truganina site are likely to support a larger catchment until these facilities are completed, the facility will then likely service a localised catchment area south of the railway line (Community Assets and Needs Assessment, March 2018).

The adjacent Government Primary School is expected to open within the next 5-10 years, following the Growth Areas Infrastructure Contribution Work-In-Kind (GAIC WIK) agreement with Villawood Properties for the contribution of the land.

The Convenience Centre is to be located on the corner of Alcock Road. Local Convenience Centres generally should provide a mix of tenancies, incorporating retail, office and medium density residential (Truganina PSP, 2014).

Access and Movement

Tarneit Railway Station is located near the intersection of Leakes and Derrimut Roads, approximately 2.2km south west of the subject site. The Deer Park- West Werribee Railway Line forms part of the Regional Rail Link and is serviced by V/Line Melbourne - Geelong and Melbourne – Warrnambool (via Colac & Geelong) services. A potential future train station is nominated for the Truganina Local Town Centre (approximately 1km north).

The primary frontage of the site is Alcock Road (a bus capable feature connector street) which follows the existing pipe track reserve. The central median strip will feature native grassland planting and a shared path. Two vehicular access points across the pipe track are proposed at the intersection of Canvas Street which runs along the eastern boundary of the school site and Narada Road (WYP8879/15.10 - Stage 8B and Stage 6). Vehicular movement will otherwise be restricted to left in, left out along Alcock Road. The site has secondary frontages to Trafford Drive and Hambling Court.

Delivery of the pedestrian footbridge connecting the site with the Truganina Cemetery Conservation Area and future Truganina Local Town Centre (LTC) to the north is not expected for approximately 10 years. The location of the pedestrian footbridge is subject to detailed design and development. Noting, ramps are to be located outside VicTrack reserve and are estimated to be approximately 120 metres in length. The site falls within the 1km catchment (as the crow flies) of the Truganina LTC.

Biodiversity & Cultural Heritage

The Cultural Heritage Due Diligence Assessment undertaken by Biosis in May 2018 reviews the potential cultural heritage requirements for the Truganina Community Precinct development. The site is located between two significant biodiversity sites; Truganina Cemetery Conservation Area and Woods Road Conservation Area. Truganina Cemetery is approximately 150 metres north of the site. The Cemetery dates from 1865 and is associated with early settlement and the original Truganina Village. The site contains high quality native grassland with a range of biodiversity values of national and state significance. The site is affected by a number of overlays; Heritage Overlay (HO39), Vegetation Protection Overlay (VPO1) and Environmental Significance Overlay (ISO3). The management of the site is guided by the Conservation Management Plan for Conservation Area 10 – Truganina Cemetery Grassland and Truganina Cemetery Conservation Area Concept Plan. Woods Road Conservation Area is located to the south east of the site and contains significant Golden Sun Moth habitat and other grassland biodiversity values. The subject site is located in proximity to two constructed waterway corridors / drainage assets; Forsyth Road Drain to the west and Dohertys Creek 300 metres to the east of the site. Skeleton and Dry Creek are further west of the subject site.

The Biodiversity Assessment undertaken by Biosis in May 2018 reviews the relevant biodiversity documentation for the site and provides advice on the biodiversity values and opportunities and constraints that affect the development. The Assessment determined that no conversation areas will be impacted by the proposed Community Precinct. The subject site does however contain habitat values which have associated HCOs (Habitat Conservation Obligations). Habitat area types include two patches of Golden Sun Moth habitat.

Site and Context Analysis

3.2 Opportunities and Constraints

Constraints

- Delivery of the pedestrian footbridge connecting the active open space and Truganina Cemetery Conservation Areas to the north is not expected for approximately 10 years. Location subject to detail design development.
- Noise, visual amenity and safety of the railway corridor is to be considered. There is a need to reduce the impact of the interface, design for safety and future proof a strong connection between south and north.
- Catchment of the Community Precinct is generally constrained to the south due to the railway corridor restricting north south movement and connections to the future Tarneit MTC and Truganina LTC.
- Vehicular movement across and along the primary frontage to Alcock Road (feature connector) is restrained due to the existing pipe track down central median where two vehicular access points across the pipe track are proposed.
- Five Victorian Aboriginal Heritage Register (VAHR) sites have been identified in the Cultural Heritage Due Diligence Assessment completed by Biosis.

Opportunities

- Maximise the benefits of co-location of Active Recreation, Community Facilities and School.
- Existing drystone wall with potential for retention along Woods Road (designated for closure). Potential to integrate the drystone wall materials into the landscaping and built form response.
- Create a physical and landscape connection between two key conservation areas; Truganina Cemetery Conservation Area (north) and Woods Road Conservation (south).
- Integrate bus services/stops with each of the facilities in the Precinct (Active Recreation, Community Facility and Primary School).
- Ensure a safe and convenient connection between the community facilities and the Woods Road Local Convenience Centre.
- Provide an integrated and direct shared path connection between the proposed bridge, proposed facilities and surrounding cycle infrastructure and ensure bicycle storage facilities are provided in key locations.
- Explore opportunities to incorporate Indigenous cultural heritage and local history in the design and development of the Precinct.

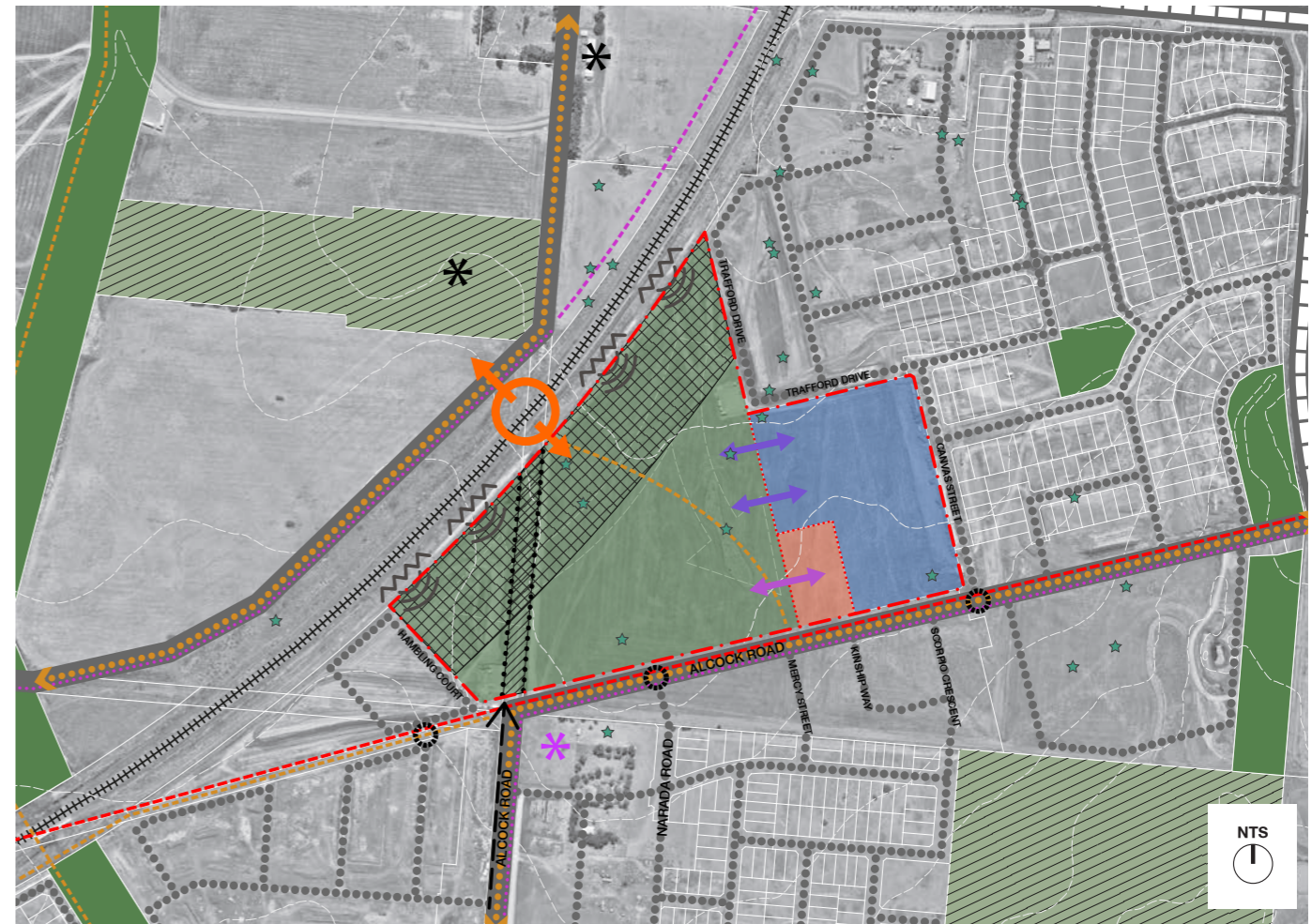
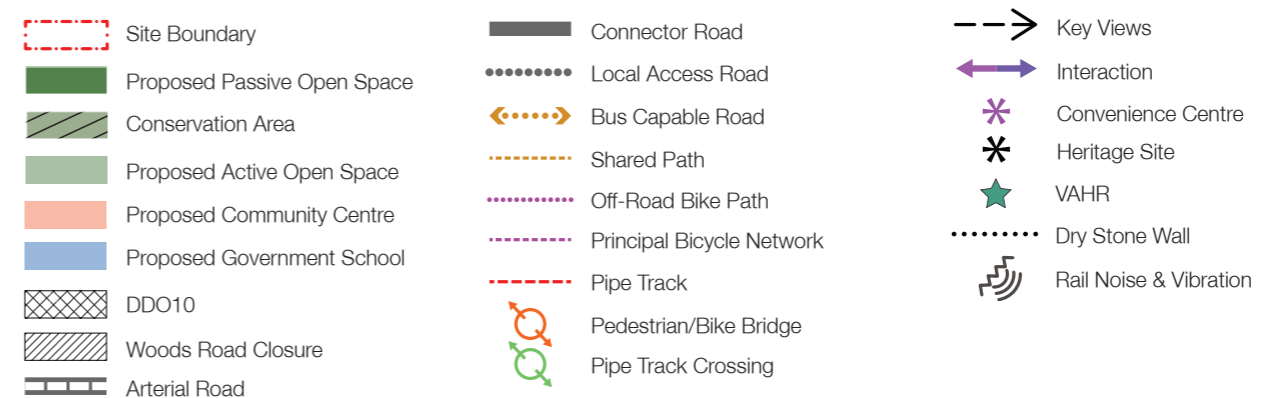


Figure 20: Site Opportunities and Constraints



4.1 Principles

Following the review of the strategic background documents and initial workshops with Council officers, six (6) design principles were identified that reflect the visions and desires for the Community Precinct. The principles are as follows:

- Integrated Activities and Services
- Equitable and Accessible
- Flexible, Multipurpose & Adaptable
- Local Identity
- Design Quality
- Sustainability



Integrated Activities & Services	<ul style="list-style-type: none"> · A local destination that maximises opportunities to engage in social, cultural, learning and recreation activities. · Compatible services, facilities and land uses are co-located and well connected, working together to meet broad community needs.
Equitable and Accessible	<ul style="list-style-type: none"> · Inclusive, welcoming spaces invite people to spend time and interact. A safe and welcoming environment accessible to all. · A well-connected and legible environment that provides for intuitive wayfinding with a clear hierarchy of pathways and spaces, direct connections and clear sightlines. · A range of viable transport choices are provided for including; walking, cycling, public transport and private vehicles. The modal hierarchy puts pedestrians as the highest priority.
Flexible, Multipurpose and Adaptable	<ul style="list-style-type: none"> · Multiple uses are accommodated recognising the need to provide for a diverse range of experiences. · Provide for active (organised, casual, social) and passive activities (walking, sitting, meeting). · Enable individuals and groups to participate in social interactions, recreation and play. · Designed to allow for the maximum use of spaces where individual 'ownership' of spaces is temporary to ensure all-of-community ownership is retained. · Designed to maximise flexibility able to respond and adapt to changing community needs over the day, across the years and through the generations. · Facilities are functional and fit for purpose maximising the opportunities for connections between the indoor and outdoor spaces.
Local Identity	<ul style="list-style-type: none"> · Locally relevant and belonging to the community. A sense of place, identity and belonging will be developed with community input and inspiration. · Respect and respond to indigenous and non-indigenous cultural heritage and local history. · Incorporation of locally-specific design elements such as materials, planting and signage will enhance the distinctiveness of place.
Design Quality	<ul style="list-style-type: none"> · Visually appealing and engaging responding to site orientation, climatic conditions and typography. · Resilient, robust and durable materials to minimise maintenance over time. · Incorporate CPTED principles (Crime Prevention Through Environmental Design) into the design of all elements of the Precinct. · Water sensitive urban design should be incorporated into the building design and landscape to capture and use this precious resource for the benefit of the environment including the principles of reduce, reuse and recycle.
Sustainability	<ul style="list-style-type: none"> · Integrated approach to social, cultural, economic, and environmental success and performance of the precinct.

Table 05: Master Plan Principles

Master Plan

4.2 Design Development

During Stage 2 of the Master Plan process, community input was sought on both the Tarneit North and Truganina Precincts. Two drop-in sessions were held at Tarneit Community Learning Centre (Saturday 23 June and Wednesday 27 June). Additionally, community were provided an opportunity to provide feedback through an online survey through The Loop website. The drop-in sessions and survey sought to capture the preferred activities and services to be provided and look and feel for the Precinct and feedback on 2 x concept options for each Precinct. A total of 29 online survey responses were completed. 65.5% of respondents selected Truganina as the Precinct they would visit and use, an additional 24.1% selected both Tarneit North and Truganina Precincts.

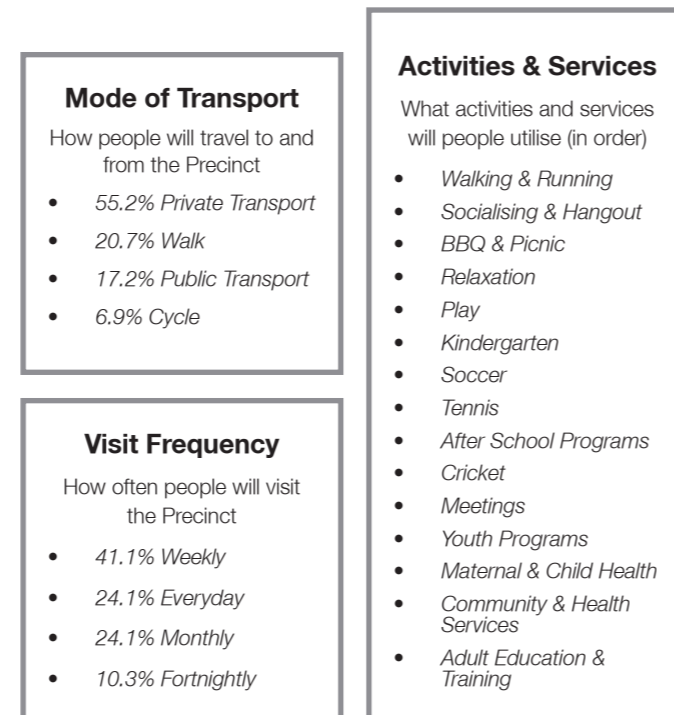
These comments were then taken aboard, considered and assisted in the design development. Considerations raised during this phase include; multi-functionality and provision of additional sporting facilities, mand for multi-purpose community spaces, night-time uses and safety. The Master Plan has responded to the community feedback in the following ways:

- Catering for night-time use of sporting facilities, providing lighting to the soccer and cricket overlay
- Supporting high levels of walking and running through the provision of a clear network of paths
- Providing spaces for informal socializing, relaxation and informal play
- Designing to avoid blind-spots and ensuring clear sightlines between key uses and buildings
- Considering the future expansion of the Integrated Family Centre to provide additional community facilities

The detailed design process and operation of facilities can address the following:

- Landscaping
- Universal access
- IT and Wi-Fi access
- Maintenance
- Programs such as playgroups and after school hours care
- Staggered start/finish times to deal with peak traffic and car parking

Feedback included suggested additional facilities, outside the project brief and scope for the Precincts; including football, rugby, synthetic running track, fitness and swimming centre, library. These submissions can be considered in wider recreation and community planning for the municipality.



Source: The Loop - Survey Report (Community Precinct Master Plan - Tarneit North & Truganina)

4.3 Master Plan

The following provides a summary of the key elements of the Truganina Master Plan:

Integrated Family Centre

- Located to maximise the benefits of co-location with the P-9 Government School.
- Alcock Road frontage ensures the Centre has a sense of address and visibility.

Active Recreation & Pavilion

- Direct connection between pavilion and both soccer fields and tennis courts.
- Mix of soft and hard landscaping amenity and furniture surrounding the Pavilion.

Passive Recreation & Play

- Multi-use oval to the north of the site provides for social and informal active recreation opportunities.
- Distribution of passive and active recreation opportunities across the site.
- The linear open space along the Alcock Road frontage provides a programmed link between the IFC and Pavilion facilities.

Access

- Vehicular access is provided to the western car park via a single (in and out) crossover.
- Bus drop off and zone and turning circle to the Pavilion.
- Potential for two or more pedestrian access points along the shared boundary with the future Government School.
- Future railway pedestrian bridge allowing for north south connections (location subject to detailed design).

Movement

- A network of pathways through the site, connecting to adjoining residential streetscapes and the adjacent Government School.
- Safe raised pedestrian crossings provided for across the linear car park along Alcock Road.
- Pathway connections to the future pedestrian railway bridge, connecting the Precinct to residential areas north of the railway line.

Master Plan



- Site Boundary
 - 3.5m Shared Path (Sealed)
 - 2.5m Path (Gravel)
 - P Pavilion
 - IFC Integrated Family Centre
 - Floodlights
 - Players Shelters
 - Shelter and Seating
 - BBQ Shelter and Seating
- 1 Pedestrian bridge location subject to detailed design development. Potential timeframe for delivery 10 years.
 - 2 Railway corridor landscaping to provide wind and noise barrier and canopy coverage.
 - 3 Integrate drystone wall materials into the landscaping and built form response.
 - 4 Mix of hard and soft landscaping amenity for spectators and general community gatherings surrounding Pavilion.
 - 5 Open lawn area providing for social cricket and informal play.
 - 6 Raised pedestrian crossing across car park to provide safe connection from Alcock Road.
 - 7 Integrated Family Centre Floor Plan allows for direct connections to P9 School Administration Building.
 - 8 Potential access point to future Government School.

Figure 21: Master Plan



Figure 22: Truganina - Site Access



Figure 23: Truganina - Movement

Master Plan



Figure 24: Truganina - Visual Connections



Figure 25: Truganina - Functional Relationships

Master Plan

4.5 Spatial Requirements

Facility	GFA sqm	Inclusions
Kindergarten & Flexible Early Years	509 sqm (internal)	<ul style="list-style-type: none"> Kindergarten Rooms (x2) Flexible EY Room (x1) Internal Storage
	990 sqm (external)	<ul style="list-style-type: none"> External Storage Childrens Toilets Staff Toilets External Covered (1/3)
Maternal and Child Health	54 sqm	<ul style="list-style-type: none"> Consulting Suites (x3)
Common Areas & Shared Facilities	424 sqm	<ul style="list-style-type: none"> Foyer & Cirulation Reception Informal Breakout Spaces Kitchen Administraion IT Room Storage Toilets WC / Shower (DDA)
Flexible Community Room (Future Expansion)	295 sqm	<ul style="list-style-type: none"> Community Room Internal Storage Community Lounge

Table 06: Spatial Requirements - Integrated Family Centre

Facility	Quantity	Requirements
Soccer Fields	x 3	<ul style="list-style-type: none"> Future upgrade - stand-alone soccer from turf to synthetic and flood lighting installed
Cricket Overlay	x 1	
Tennis Courts	x 6	<ul style="list-style-type: none"> Future expansion (courts x3)
Cricket Nets	x 4	<ul style="list-style-type: none"> x 1 locked x 3 unlocked
Pavilion	962 sqm	<ul style="list-style-type: none"> Change Rooms Showers & Toilets Referees Room Community Area First Aid Kitchen / Kiosk Internal Storage External Storage Pavilion Toilet Public Toilet Service Yard (Bin Storage) Internal Circulation

Table 07: Spatial Requirements - Active Recreation & Pavilion

4.4 Functional Relationships

The siting of the Integrated Family Centre at the site boundary seeks to maximise co-location benefits with the potential adjacent Government P-9 School. The design of the facility can further facilitate integration through opportunities for direct physical connections. Ongoing collaboration with the Department of Education and Training (DET) in the master planning of the adjacent site is necessary to achieve this.

Figure 26 demonstrates the desired organisational adjacencies or functional relationships. This diagram is intended to guide the detailed design phase of the project. The ability to deliver seamless services is a key driver behind the project and design of the IFC should maximise integration and the sharing of facilities between Kindergarten, Early Years and Maternal & Child Health.

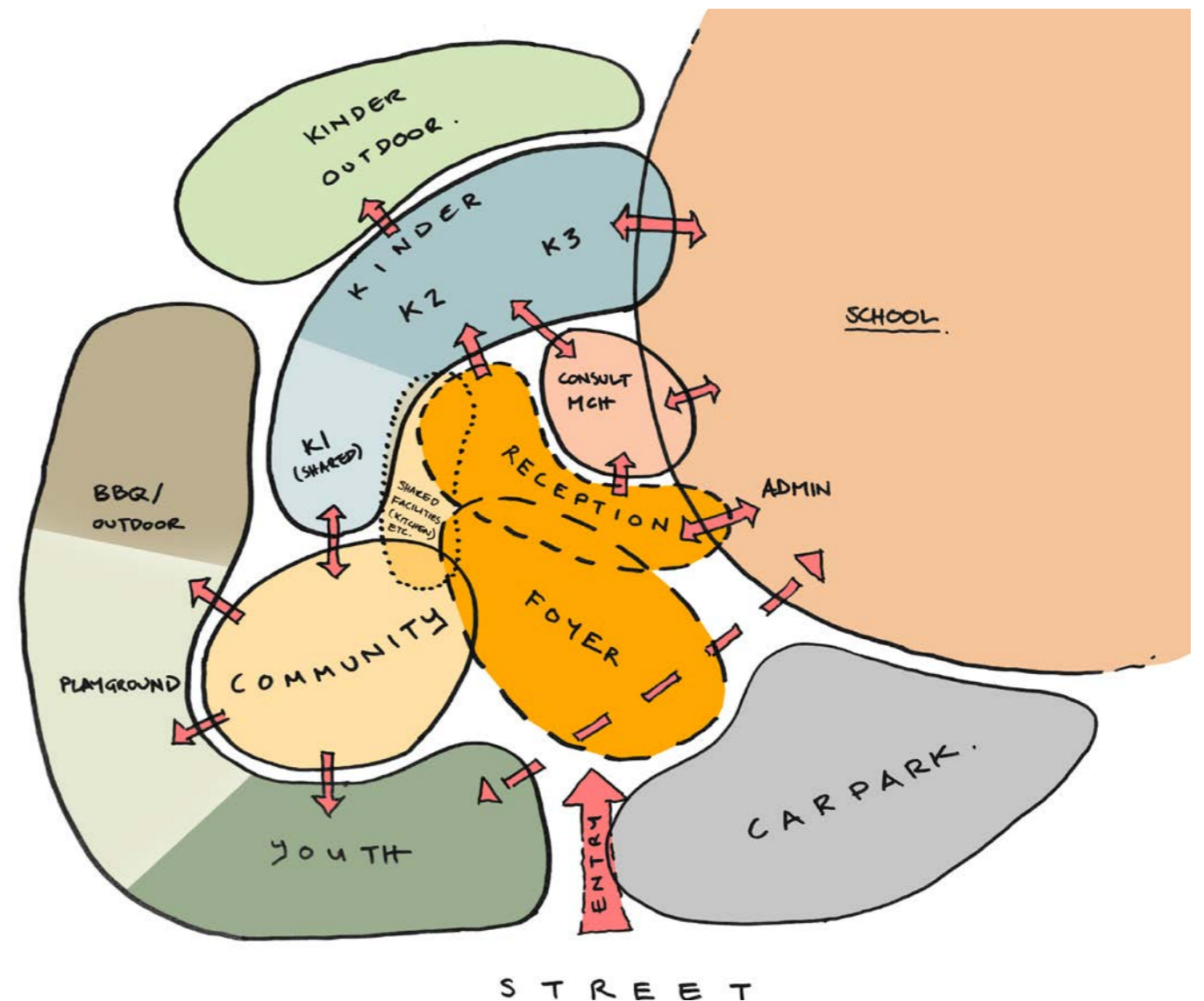


Figure 26: Integrated Family Centre - Functional Relationship Diagram

Master Plan

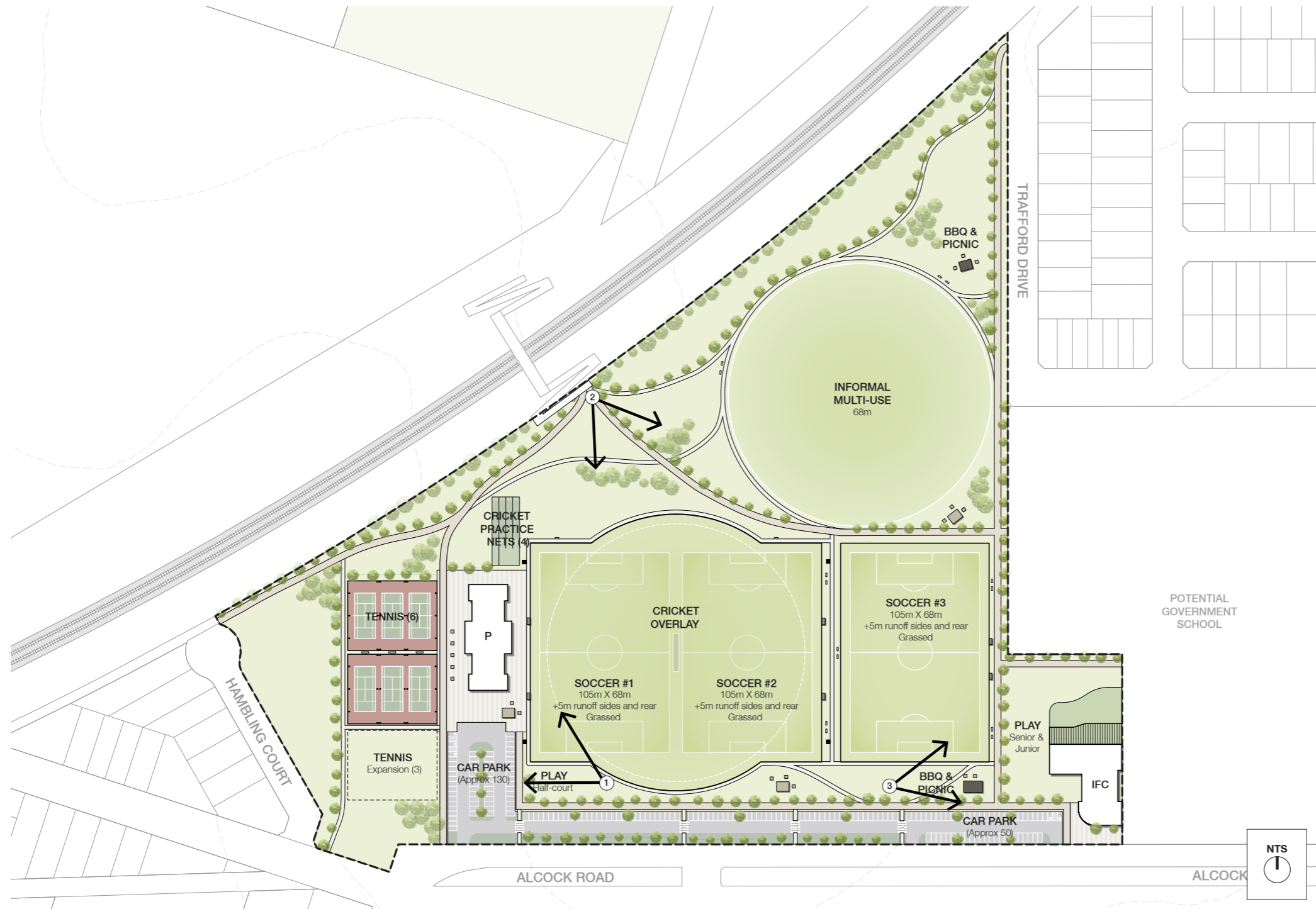


Figure 27: Visualisation View Locations

4.6 Visualisations



Figure 28: View 1 - Looking north-west towards to the Pavilion (artists impression)



Figure 29: View 2 - Looking south-east from the railway pedestrian bridge (artists impression)



Figure 30: View 3 - Looking east towards the BBQ/Picnic area and Integrated Family Centre (artists impression)

4.7 Precedents



Figure 31: Foley Park, Glebe, NSW (ASPECT Studios)



Figure 32: Dandenong Regional Park, Dandenong, VIC (ASPECT Studios)



Figure 33: Lizard Log Park, Western Sydney, NSW (McGregor Coxall)



Figure 34: Gordon Street Pavilion, Heyfield, VIC (Katz Architecture)



Figure 35: Ian Potter Children's WILD PLAY, Centennial Park, NSW (ASPECT Studios)



Figure 36: Civic Park, Warragul, VIC (Fitzgerald Frisby Landscape Architecture)



Figure 37: Civic Park, Warragul, VIC (Fitzgerald Frisby Landscape Architecture)



Figure 38: Multi-Purpose Area, Box Hill Gardens, VIC (ASPECT Studios)



Figure 39: Tidlangga Playspace, North Adelaide, SA (City of Adelaide)



Figure 40: Boorai Centre, Ocean Grove, VIC (Perkins Architects)



Figure 41: Harbour Family and Children's Centre, Docklands, VIC (HASSELL)

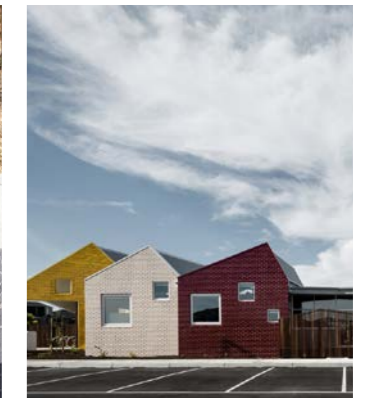


Figure 42: Arena Children's Centre, Officer, VIC (Cohen Leigh)

Master Plan



Figure 43: Tidlangga Playscape, North Adelaide (City of Adelaide)



Figure 44: Margaret Cribb Early Learning Centre, UQ, QLD (DWP)



Figure 45: Return to Royal Park, Parkville, VIC (City of Melbourne)



Figure 46: Laurimar community Activity Centre, Epping, VIC (Croxon Ramsay)



Figure 47: Valley Reserve, Mt Waverley, VIC (Sparc)



Figure 48: Hazel Glen Child and Family Centre, Doreen, VIC (Brand Architects)



Figure 49: Roterbrohallen Sports Hall Sollentuna, Sweden (Arkietker)



Figure 50: Lizard Log Park, Western Sydney, NSW (McGregor Coxall)



Figure 51: Kwinana Outdoor Youth Space, Kwinana, WA (Convic)



Figure 52: Darling Quarter, NSW (ASPECT Studios)



Figure 53: Haslop Reserve, SA (ASPECT Studios)

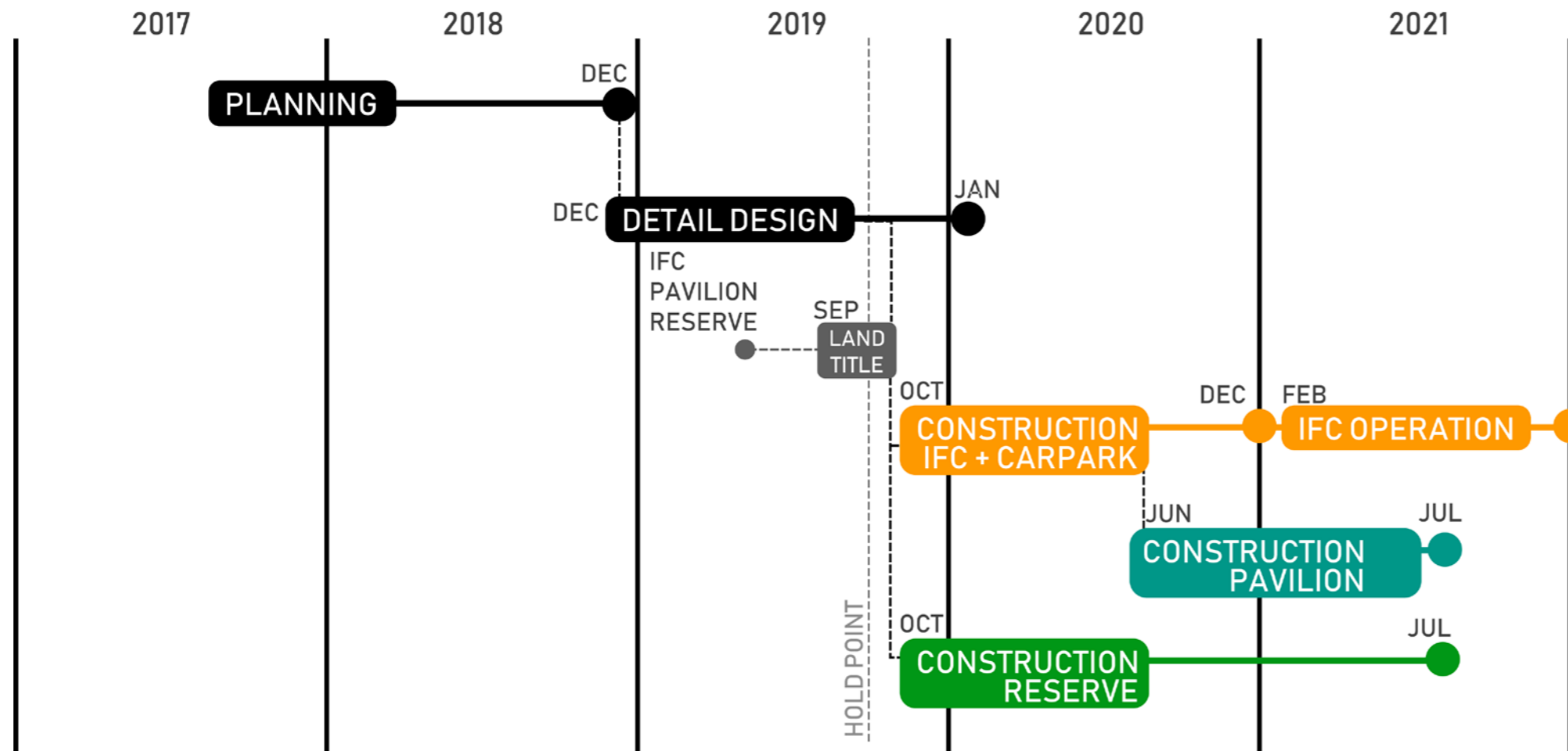


Figure 54: Dendy Park Pavilion, Brighton, VIC (CohenLeigh Architects)

Implementation Plan

5

5.1 Development Programme



5.2 Implementation Challenges

- Primary constraint is the IFC commencing operation in Term 1 of 2021.
- In consultation with the land developer the indicative month that the land will be transferred to Wyndham City and a title received is September 2019.
- Detail design will commence prior to transfer of land and will require acquiring a license for access to site from the developer.
- Reserve land is currently split by the old Woods Road alignment. This will need to be rezoned accordingly.
- High voltage power lines run north south along Woods Road. Where Woods Road is being retained the developer is putting the service underground however where it crosses the active open space reserve this is currently overhead and will need to be addressed and will likely result in additional costs.

Implementation Plan

5.3 Cost Overview & Plan

The following Cost Overview (Table 8) is a summary of the Cost Plan prepared by Rider Levett Bucknall. The costs are approximate estimations only and may change through the detail design process. Levels of services and quality of finishes will impact on costs while value management will be undertaken to ensure best value for money to the community.

Project Costs	Estimate	Year 1 2017/18	Year 2 2018/19	Year 3 2019/20	Year 4 2020/21	Year 5 2021/22
Professional Services						
Project Management (1.5%)	\$ 148,256	\$ -	\$ 37,064	\$ 74,128	\$ 37,064	\$ -
Design Consultant Team (3.5%)	\$ 593,025	\$ -	\$ 177,908	\$ 355,815	\$ 59,303	\$ -
Construction						
Building Works						
Integrated Family Centre	\$ 3,525,368	\$ -	\$ -	\$ 1,410,147	\$ 2,115,221	\$ -
Sports Pavilion	\$ 3,156,500	\$ -	\$ -	\$ -	\$ 2,525,200	\$ 631,300
Landscape & Civil Works						
Sports Reserve & Passive Open Space	\$ 7,375,726	\$ -	\$ -	\$ 2,950,290	\$ 3,687,863	\$ 737,573
Car Parking	\$ 768,038	\$ -	\$ -	\$ 307,215	\$ 460,823	\$ -
Summary						
Professional Services	\$ 741,282	\$ -	\$ 214,972	\$ 429,944	\$ 96,367	\$ -
Construction	\$ 14,825,632	\$ -	\$ -	\$ 4,667,653	\$ 8,789,107	\$ 1,368,873
Total	\$ 15,566,915	\$ -	\$ 214,972	\$ 5,097,597	\$ 8,885,474	\$ 1,368,873

Table 08: Cost Overview and Plan (source RLB)

Implementation Plan

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Level 5, 18 Oliver Lane
Melbourne VIC 3000
Australia
T. 61 3 9699 6688
urban@sjb.com.au
sjb.com.au