Hannah Watts Park Precinct - Master Plan



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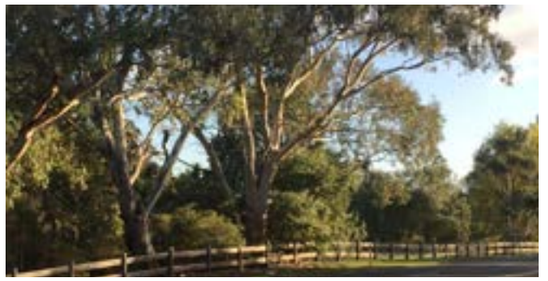
CITY OF MELTON

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Project Name	Hannah Watts Park Precinct Master Plan
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01	18 September 2018	Minor Amendments	DD
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03	22 November 2018	Final Revisions	DD

Urban Initiatives and Melton City Council acknowledges the Wurundjeri people of the Kulin Nation as custodians of the land upon which we work.

We pay our respects to Elders past, present and emerging.

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1 EXECUTIVE SUMMARY

1.1 Executive Summary

As the City of Melton continues to grow Hannah Watts Park Precinct will be a central place of gathering, recreation and respite with high quality contemporary facilities set in a natural creek landscape, rich in local history. The Draft Master Plan aims to revitalise the precinct, a much loved community asset, through improved connections and facilities, creek restoration and increased opportunities for recreation and gathering.

The Draft Master Plan provides a vision for the park to guide Council in prioritising park upgrades to meet the needs of the growing population. The process involved rigorous site assessment and review of background documents that enabled a clear understanding of the state of existing park facilities, which are very well used but largely unchanged since the last major upgrades in the 1990's.

Community and Stakeholder input was integral to the development of the master plan. Extensive engagement with the community and consultation with internal stakeholders showed great community interest and support for the project and provided clear direction as to the areas of priority including play spaces, picnic facilities, paths and trails, natural landscapes, public toilets, signage and active sports. Findings and responses to community and stakeholder engagement process are contained in Section 4 of this report.

During this process key themes emerged that form the basis of the nine over-arching principles that underpin the plan. Each principle is explored as it relates to the park as a whole and informs specific recommendations within each precinct of the park. The nine themes and summary of related principles is as follows:

Facilities and Amenities

- Improvements to picnic facilities (shelters, furniture, accessibility etc.), playgrounds, and furniture throughout the park to improve amenity and allow equitable use.

Landscape and Vegetation

- Park wide landscaping upgrades including creek revegetation, preservation of existing trees, new trees and under-planting and mounding for increased shade and amenity. Restoration of the historic reservoir.

Access, Circulation and Connections

- Upgrades to the path network including new connections within the park and to adjacent sites, safer road and creek crossings for pedestrians, and path lighting to major shared paths.

Recreation (Health and Well-being)

- Improvements and additions to existing recreational facilities to support health and well-being including a path circuit for walking / jogging with all ages fitness stations and furniture along paths, and skate facility improvements.

Event Infrastructure and Social Amenity

- Continue to facilitate major events by retaining flexible use of open spaces. Investigate the provision of on site power for events.

Organised Sports and Clubs

- Improvements to sports facilities, including a new pavilion with all gender change rooms, enlarged oval and upgrades to netball and cricket facilities.

Buildings and Structures

- New buildings including sports pavilion, toilets and shelters are to have minimal footprint and be of high quality contemporary design that is in keeping with park character. Outdated and defunct buildings including shelters, toilets and tennis shed are to be removed and replaced as necessary with elements in keeping with proposed indicative palettes.

Traffic, Parking and Vehicle Management

- Improve safety and amenity for all park precinct users including pedestrians, cyclists, drivers and all other recreational users by reducing the impacts of vehicles and traffic congestion both within and around the precinct. Car parking capacity should be flexible to adapt to the varying demands of the precinct while having minimal impact on its environs. Additional or new permanent car parking should not be provided in the precinct where it results in the permanent loss of open space or parklands.

Public Appreciation and Signage

- Provide a new park signage suite including wayfinding and interpretive signage. Engage local indigenous representatives to ensure signs include equitable focus on indigenous history in addition to settler history. Improve text element to dry stone wall feature entry sign on High St and provide similar dry stone wall park entry feature sign on Reserve Road.

These recommendations principles are expanded upon in 'Section 5 - Themes and Key Principles' as applicable to the precinct as a whole and the Draft Master Plan in Section 6 summarises the recommendations in line with these key themes. The following, Section 7 - Precinct Plans, elaborates in more detail as applied to each of the eight park precincts.

The Draft Master Plan was issued to the community and stakeholders for comment in Mid September 2018 and feedback received has now been reviewed and incorporated.

The detailed precinct plans enabled the development of the implementation plan including the cost breakdown of all proposed improvements and a staging plan that will guide Council in undertaking the works.

The City of Melton looks forward to implementing this exciting plan for Hannah Watts Precinct and thank the Melton community for your significant input into the Master Plan's development.



Fig. 1 Hannah Watts Park Master Plan Precincts

2 INTRODUCTION

2.1 Hannah Watts Park Precinct

Hannah Watts Park Precinct is approximately 22 hectares and is located in the City of Melton, within nineteen kilometres of Melbourne in the outer urban west. It's rural bush feel, with rustic fencing and glimpsed views of natural vegetation (in combination with the golf course to the north) creates an appealing, and characteristically 'Melton', gateway landscape on the approach to the town centre from Melbourne.

The area of parkland covered by the Master Plan includes Hannah Watts Park, The Melton Recreation Reserve, Police Paddock, The Willows Historical Park, The Melton Country Club, Melton Bowls Club and adjoining park spaces.

Council's Active Participation Survey 2013 identified the park as the most visited park in the municipality. People of all ages and abilities enjoy the park for a wide variety of active and passive recreation, organised sports, and events of varying scales. Park users form the greater Melton community include individuals and families, school groups, holiday programs, and local and regional clubs. The park is a also a popular stopping point for visiting tourists and bus tours travelling between Melbourne and Ballarat.

2.2 Master Plan Background

The Hannah Watts Park Precinct Master Plan was developed by Urban Initiatives and Melton City Council to provide a holistic vision for the future development of the park that will ensure the park continues to be enjoyed and valued by the growing Melton community for years to come.

The plan will help Council prioritise future works by envisioning future development within the park. The plan is informed by the opportunities and constraints of the site as well as the feedback and ideas received during community and stakeholder engagement.



Plaque commemorating park development program in 1990's

2.3 Site History

We acknowledge all traditional owner groups who share history within the boundaries of Melton City Council. Approximately half of the Hannah Watts Park Precinct is recognised as being Wurundjeri land, called Kurrung-Jang-Balluk. The remainder of the precinct has yet to be incorporated into any formal application from traditional owners.

The wider landscape is dominated by flat to undulating basaltic plains, with stony rises, old lava flows, numerous volcanic cones and old eruption points. The local ecologies that this area is comprised of are Plains Grassland/ Chenopods Shrubland and poorly draining Plains Woodland. Despite the rest of the region being dotted with shallow lakes, both salt and freshwater, the country that Hannah Watts Park Precinct and the City of Melton is situated on is exceptionally dry, exhibiting the lowest average rainfall in the Port Phillip district. This is illustrated by the existence of the 'Melton Mallee' woodland near the Djerriwarrh Creek, which is the only place where mallee vegetation, typical of semi-arid regions, is found south of the Dividing Range.

The rich volcanic soils of the basaltic plains are ideal for farming. This fact combined with the discovery of gold at Ballarat in 1851 played a major part in the settlement and development of the area around the existing location of the park by the early pioneers. In 1852 the local parish of Djerriwarrh was subdivided to create a village named after Melton Mowbray – a fashionable hunting ground in England.

As with many towns situated between the Port Phillip settlement and the diggings, there was much to be gleaned off the back of the findings on the goldfields. The easy crossing of the Toolam-Toolern (Pennyroyal) Creek (which today runs through the park) at this point, contributed to large numbers of prospectors passing through. The local economy boomed both from their revenue and from supplies sold directly to the growing communities on the diggings.

Buildings typical of the era, such as the surviving Willows Homestead were erected and dry-stone walls utilising excavated local basalt and traditional skills, many which stand today, impressed upon the area a colonial character. The Military Mounted Police hobbled horses in Pyke's Paddock (the Police Paddock) until 1853 and established a foraging depot used by both troopers and gold escort personnel. By 1862 Melton was the centre of a flourishing pastoral district of 73,000 acres.

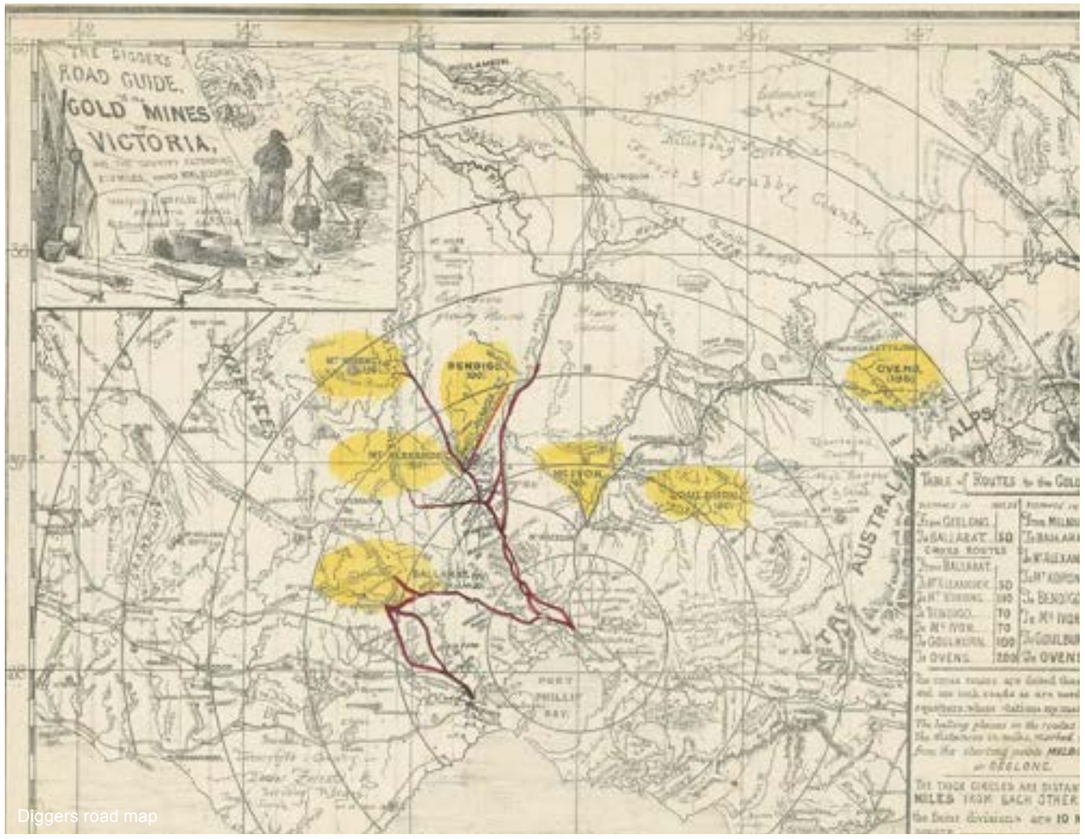
In the same year as gold was discovered in Ballarat, Hannah Watts, after whom the park is named, emigrated from Ireland with her husband. She was an illiterate twenty-year-old who exhibited inherent nursing skills when she stepped in as midwife to assist the ship's doctor in the delivery of seven babies on the long voyage to Australia. Settling in Melton she became the town's first mid-wife working for much of her life on a voluntary basis. She also served as a bush nurse and established Melton's first private hospital, officially recognised as such in 1911. She worked there until her death at age 90 in 1921, having instilled herself as one of the town's most honoured personalities and its 'most-loved pioneering woman'.

Despite the thriving economy generated by the Gold Rush, water supplies owing to its extremely dry climate were erratic. While the town developed, extending further from the creek, it became more and more difficult for residents to transport water to their properties and in 1877, within the site of the existing park, an earth reservoir was formed. The success of the Reservoir in achieving its objectives was limited, and in 1890 the McKenzie Street Weir and Ford (listed for their local heritage significance,) were constructed. In 1916 the earth reservoir was formalised into the Melton Reservoir: heritage-listed also for its local significance. Ironically, as the town struggled to establish a reliable source of drinking water, those that could, travelled to Melton for its mild climate to recover from pulmonary ailments.

The town was principally dependent on bore and tank water until the delivery of reticulated water from the Djerriwarrh Dam in 1963.

The former Reservoir became used as a town swimming pool and in recent decades its front-of-house location at the gateway of the Melbourne approach to the town saw it become the centerpiece for the development of Melton's best-loved passive recreation park.

Up until the 1990's the Hannah Watts Park Precinct was largely undeveloped (as shown in the 1865 Djerriwarrh parish map and 1974 aerial photo - sourced from Cultural Heritage Management Plan 15689 Hannah Watts Park). In the early 1990's the precinct underwent a significant upgrade. Funded through a federal employment programme, new facilities were constructed throughout the park. This included the entry walls, toilets, picnic shelters, bridges, playgrounds and pathways. Approaching 30 years since the upgrade was undertaken, some important park elements are requiring replacement. Where necessary this has been identified in the Master Plan.



Diggers road map



1865 Parish Map


1974 Aerial Photo


Toolern Creek


Former Melton Reservoir


Dry Stone Wall


The Willows Homestead


Hannah Watts

2.4 Zoning, Ownership and Leases

The majority of the precinct is zoned Public park and Recreation Zone (PPRZ) with Police Paddock, Pound Paddock and the Willows zoned Public Use Zone - Service and Utility (PUZ1) and the central picnic area zoned Public Use Zone - Local Government (PUZ6)

Current lease holders in the park include:

- Essendon Football Club has a five year lease of the Melton Country Club.
- The Lions Club of Melton leases Police Paddock for the Djerriwarrh Festival Carnival.
- Melton Bowling Club has an ongoing lease for the Melton Bowling Club.
- Melbourne water is responsible for the management of the Toolern Creek waterway.

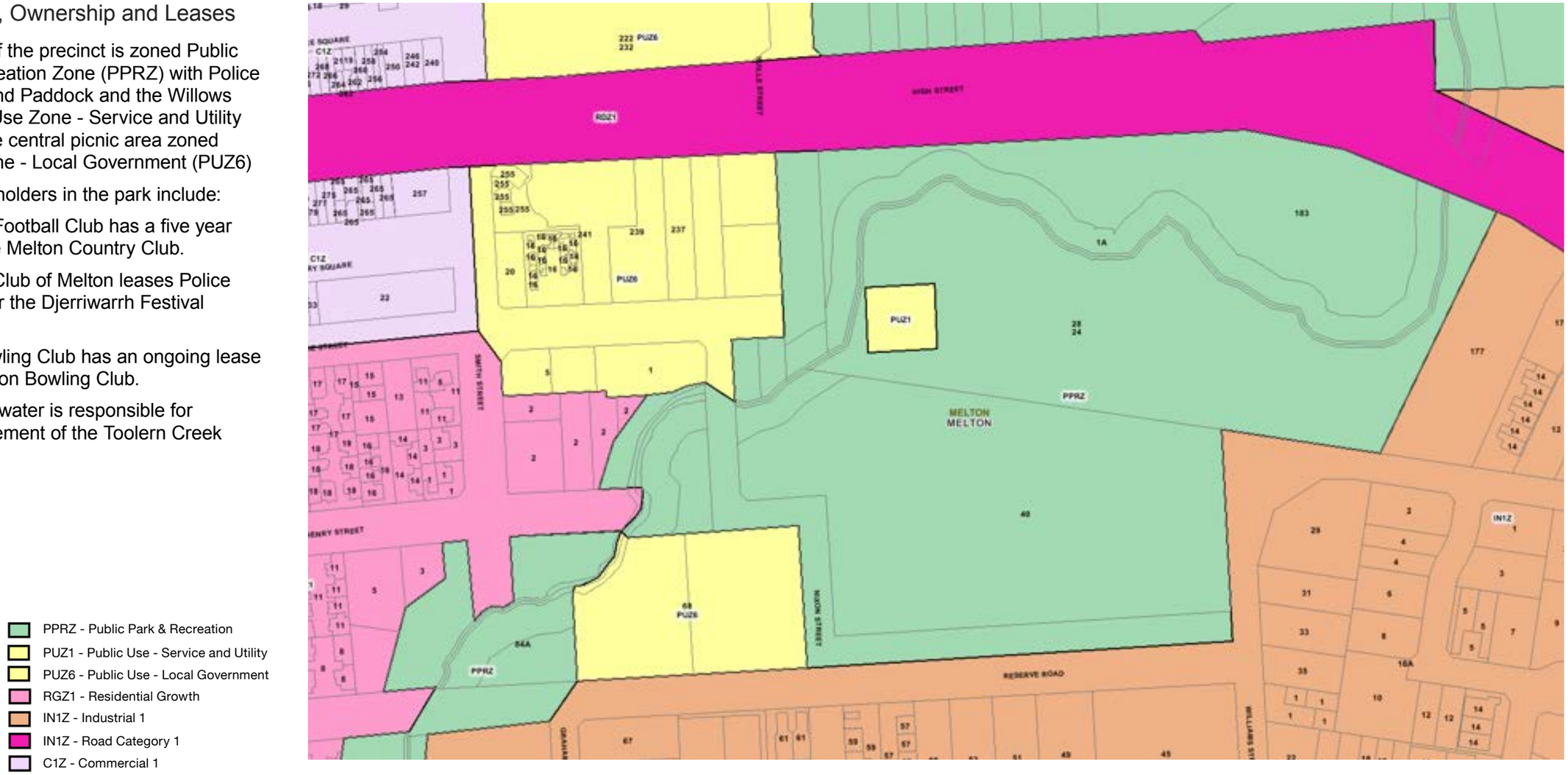
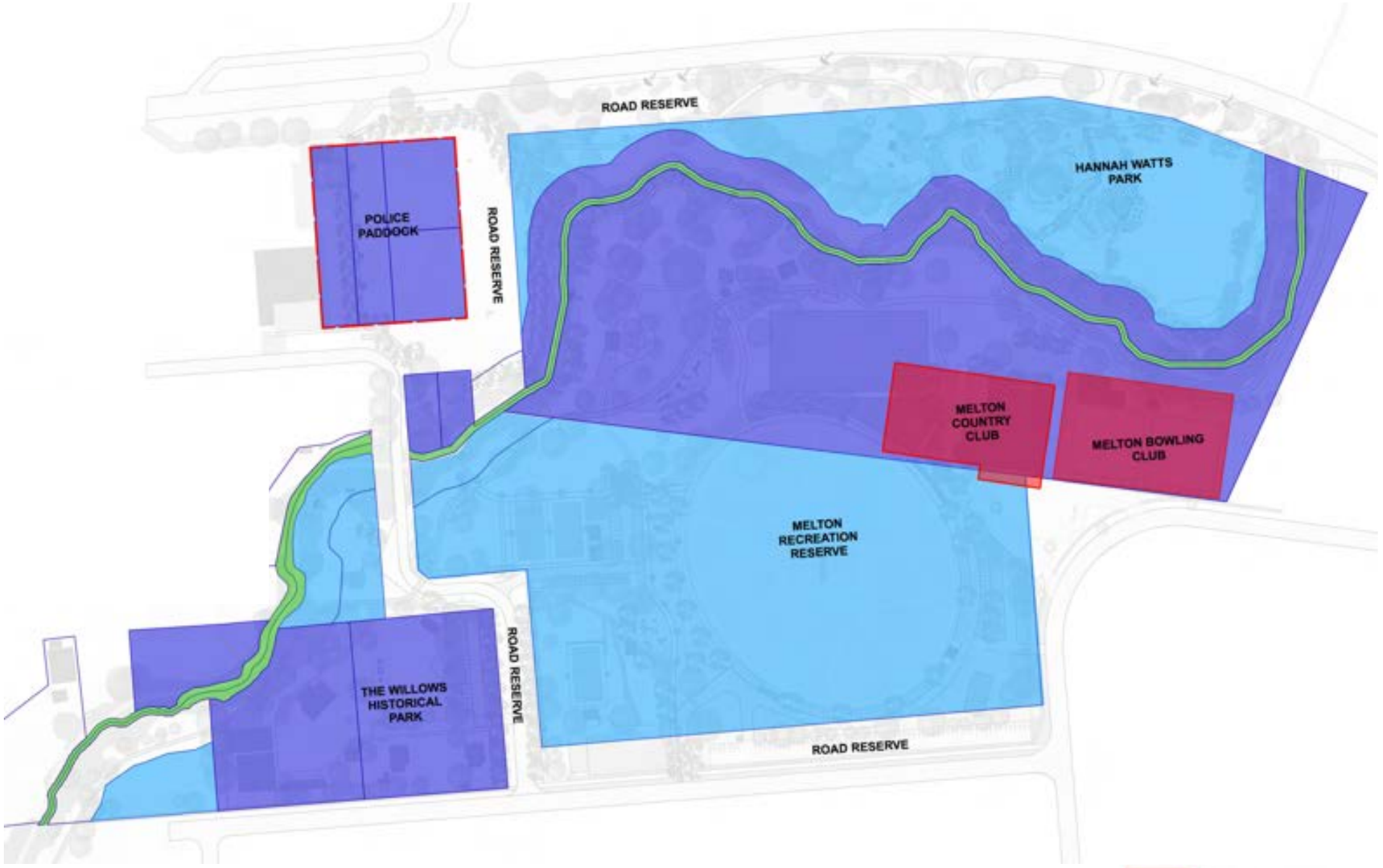


Fig. 2 Zoning Plan



Location	Leasee	Terms
Police Paddock	Lions Club of Melton	8 days / year
Melton Country Club	Essendon Football Club	5 years (TBC)
Melton Bowling Club	Melton Bowling Club	Ongoing

Fig. 3 Ownership and leases

3 BACKGROUND DOCUMENTS

3.1 City of Melton Strategic Documents

City of Melton, ParkScape - Melbourne and Regional Victoria (Scape data, Nov 2017 - Jan 2018)

- Survey provides a overview of how Hannah Watts Park is currently used and by whom, perceptions of safety, and the types of facility upgrades desired by park users.

City of Melton 2013 Active Participation Survey (Ross Planning October 2013)

- Hannah Watts was the most visited park in the study and the survey showed high level of participation in formal sports (football, cricket, netball, bowls) and informal activities (walking, cycling, play) in the precinct. Creek trails were also identified as well used and important to the health and well-being of the community.

Melton City Council Open Space Plan 2016-2026 (Melton City Council February 2016)

- Classifies Hannah Watts park as 'regional passive open space' and the rest of the precinct as 'district active open space', both of which will experience an increase in demand as the population grows.

Melton Shire Council - 2010 Active Participation Survey Report

- Results showed that Hannah Watts Park was well used for play, active and passive recreation and paths and trails. Participants valued the well maintained open spaces and supported increased facilities.

3.2 Hannah Watts Park Documents

Site Assessment - Hannah Watts Park (City of Melton 2013)

Site Assessment - Melton Recreation Reserve (City of Melton 2013)

Site Assessment - Police Paddock Reserve (City of Melton 2013)

Site Assessment - Pound Paddock Reserve (City of Melton 2013)

- The Site Assessments were used to gain a more detailed understanding of the existing elements, facilities and uses of some of the main areas covered by the Master Plan including Hannah Watts Park, Melton Recreation Reserve, Police Paddock and Pound Paddock.

Shire of Melton Heritage Study - Stage 2: Heritage Overlay No. 083 - Citation No. 221 - 'Raglan's Cottage'

Shire of Melton Heritage Study - Stage 2: Heritage Overlay No. 075 - Citation No. 208 - Former Melton Reservoir

Shire of Melton Heritage Study - Stage 2: Heritage Overlay No. 007 - Citation No. 226 - 'The Willows'

Shire of Melton Heritage Study - Stage 2: Heritage Overlay No. 084 - Citation No. 227 - Melton Weir

Shire of Melton Heritage Study - Stage 2: Heritage Overlay No. 081 - Citation No. 216 - Coronation Tree, Hannah Watts Park

- The Heritage Studies provided valuable understanding of the settler history of the local area and park site and the significance of historic elements within the park including the Reservoir and Weir, Coronation Tree, Raglan Cottage and the Willows.

Western Water, Hannah Watts Recreation Reserve Customer Site Management Plan

- Provides understanding of how the Toolern Creek waterway is currently managed.

The Willows Melton Master Plan (City of Melton 18th August 2016 - Not Endorsed)

- Provides information about key elements at the Willows and starting point for discussions about future fencing and security requirements.

Building Condition Audits (FGDixon 2018)

- A detailed review of physical conditions of all buildings including predicted life span.

3.3 Base Information and Survey

This plan was prepared without a complete base survey of the Hannah Watts Park Precinct. Survey was completed for the Stage 1 Works Area in Precinct 1 only.

The following plans were developed using aerial photography and limited Council GIS information.





4 COMMUNITY AND STAKEHOLDER CONSULTATION

4.1 Process Overview

Two rounds of community and stakeholder consultation were undertaken in the Master Plan process. The first occurred at early concept stage to gather preliminary input and ideas. The second was undertaken at Draft Master Plan Stage to review the master plan and obtain feedback that has been incorporated into the Final Master Plan. Both rounds included an online survey, pop-up events, and stakeholder workshops. Ideas and feedback were sought from day to day park users, clubs and school groups. The following is a summary of the engagement process and results. For more detail refer to reports contained in the Appendix:

'Hannah Watts Park Upgrade (Master Plan and Stage 1) Community Engagement Report', 11th June 2018, ChatterBox Projects.

'Hannah Watts Park Precinct Draft Master Plan, Community Feedback Report',31st October 2018, ChatterBox Projects.

4.1.1 Preliminary Consultation Method

Preliminary consultation occurred in April 2018

Three pop up consultation events were held on site at Hannah Watts Park and included a range of interactive events to gather responses to site analysis and preliminary concepts. Events were held on Thursday 12 April between 10am -1 pm, Sunday 22 April between 11am - 2pm and Thursday 26 April between 3:30 - 6:30pm.

Four local schools were invited to attend an 'ideas workshop' on site at Hannah Watts Park using the pop-up ChatterBox trailer. Both St Dominic's Primary School and Melton Specialist School were involved in the workshops. The workshops were held on Thursday 26 April.

An online survey was developed to enable the community to provide their feedback and ideas if they were unable to attend the place-based pop-up consultation sessions. The online survey was hosted by ChatterBox Projects via the Melton City Council Have Your Say website. Online surveys closed 29 April 2018.

The online survey was promoted via on-site signage, a letterbox drop, emails to user groups and the schools (newsletter/ sessions).

Two stakeholder workshops were held for Council staff and external key stakeholders.

Ten representatives attended the first workshop held on Monday 16 April. The second workshop was to take place on Thursday 19 April but was cancelled due to low numbers.

Stakeholder groups consulted include:

- Melton South Football Netball Club, Bridgette's Dog School
- Willows Historical Society
- Nordic Walking Group
- Vietnam Veterans
- Melbourne Water

Individual meetings were carried out with a range of groups and clubs including:

- The Melton South Junior and Senior Football Club and Netball Club
- The Melton Bowls Club
- The Melton CFA
- Friends of Toolern Creek
- Melton Rotary Club
- Melton Country Club

4.1.2 Draft Master Plan Feedback Method

Feedback was sought on the Draft Master Plan in late September and early October 2018. The feedback consultation included:

- A pop up consultation event was held on site at Hannah Watts Park on Saturday 22nd September between 10am - 1pm.
- An online survey was hosted by ChatterBox Projects via the Melton City Council Have Your Say website and closed on 6 October 2018.
- Two stakeholder workshops were held, one for internal Council staff and one for external key stakeholders.
- A meeting was held with clubs that use facilities located within the Melton Recreation Reserve and surrounding precinct. A promotional postcard was developed, and letter box dropped to approximately 1,800 households surrounding Hannah Watts Park. The postcard was designed to inform the community about the pop-up event as well as the online feedback form.


Pop-up Event


School Workshop





4.2 Preliminary Consultation Summary

4.2.1 Survey Summary

Of the 289 people who completed a survey:

- The most widely represented age group was that of people aged 26-34 years and 36-45 years (27.19%) followed by people under 12 years (11.84%) and 13-17 years (7.89%).
- 72.46% of respondents were female, 25.85% male and .42% other.
- Just over 25% of respondents lived in Melton.
- 17.24% lived within walking distance to the Hannah Watts Park Precinct.
- 85% of respondents usually drive and 11.92% usually walk to Hannah Watts Park.
- The two most important features within the precinct are the playspaces (58.1%) and places to gather with others (55.4%).
- The three most popular elements currently at Hannah Watts Park playground are swings (57.7%), slides (55.2%) and the donut spinner (38.9%).
- The top two changes respondents would like to see to the precinct are an upgrade to the playground (37.8%) and more and improved picnic shelters and BBQs (24.27%).
- The two most important playspace elements as voted by respondents are things to climb (45.7%) and adventure/ challenging elements (38.3%).
- The three top things respondents would like to see in the new playspace are water play elements (24.5%) big and/or curly slides (20%) and climbing elements (17.9%).
- 45.1% of respondents would like to see more picnic areas / shelters and 32.7% would like to see more BBQs within the precinct.

4.2.2 Dotmocracy summary

The dotmocracy activity involves a presentation board with example images of potential park elements. Participants vote for desired items by marking with stickers. 164 people participated in the dotmocracy activity with 492 votes being received, 381 from young people under 18 years and 111 votes from people over 18 years.

The six most popular images as chosen by young people were:

- A giant slide with 60 votes (47.2%).
- A flying fox with 45 votes (35.4%)20.
- Inground trampolines with 33 votes (25.9%).
- A giant rock climbing wall (bouldering) with 29 votes (22.8%).
- A picture of a flat bike/scooter track with 20 votes (15.7%).
- A basketball court with 19 votes (14.9%).

The five most popular images as chosen by adults were:

- In-ground trampolines with 20 votes (54%).
- Giant slide with 15 votes (40.5%).
- A flying fox with 10 votes (27%).
- A man made creek with 8 votes (21.6%).
- A wooden adventure playground and large sand pit with 6 votes (16.2%).

4.2.3 Big ideas drawings summary

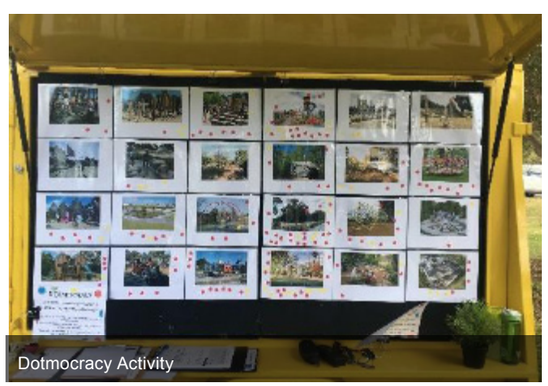
Of the 96 detailed drawings received by children and young people, the five most frequently drawn elements were:

- A big slide (tunnel or curly) (35.4%).
- A giant/basket swing (26%).
- A flying fox/zip line (19.7%).
- Trampolines (18.7%).
- Monkey bars (18.7%).

4.2.4 Voting Pod summary

- Of the 131 people who voted for their most important thing at Hannah Watts Park Precinct, 22.1% voted for playspaces, followed by pathways and trails with 21.37% and formal sport with 20.6%.
- Of the 84 young people who voted, 22.6% voted for informal sport followed by playspaces (21.4%) and pathways and trails (19%).
- Of the 47 adults who voted, pathways and trails and formal sport received 25.5% of the votes, followed by playspaces (23.4%).


Dotmocracy Activity


Dotmocracy Activity



Big Ideas Drawings



Voting Pod

4.3 Summary of Themes

4.3.1 Playspaces

- The most popular topic to emerge from the consultation was the need to upgrade playspaces.
- Respondents indicated that all playspaces within the precinct are well used and loved.
- The spectators that attend the football, cricket and netball are frequent users of both the central playspace and the southern playspace near the skate park.
- Safety issues were raised regarding the location of the southern playspace location near the main road into Melton Recreation Reserve.
- The football/netball club would like to see the entry to the reserve relocated to ensure safe access to the playspace and assist with being able to manage gates on game days.
- The central playspace is well used, mostly by older children who can be further away without such close adult supervision. The maze and basket swing are favourite elements at this playspace, however some some comments alluded to the belief that the maze is used for unsavoury behaviour, such as drug deals.

4.3.2 Picnic Facilities

- The second most popular topic to emerge was the picnic and BBQ facilities. There were many requests for them to be upgraded and many more installed.
- There were comments around the need for more picnic facilities in the southern area of the precinct near the skate park, netball court and playspace, as well as signage to provide direction to the central picnic area and playspace so it's better utilised.

4.3.3 Pathways And Trails

- Responses showed that pathways and trails are very well used and appreciated.
- Participants saw a need for a crossing on High Street, to connect the town centre to Hannah Watts Park. It was also seen as a way to create a walking loop from Hannah Watts Park, through the underpass to the golf course, along High Street to Yuille Street and back across to Hannah Watts Park.
- Respondents would also like to see more walking/bike paths around the precinct and the connection of existing paths. The walking groups would like to see an additional path on the southern side of the creek linking the path at the north east corner to the path leading from Hannah Watts Park to the Melton Recreation Reserve. Some respondents would also like to see a new pathway from the pavilion to the central playspace/picnic area.
- The issue of the dip in the pathway to cross the creek was also raised on many occasions as a safety and accessibility issue, respondents would like to see a bridge installed here.
- More seating around the precinct was also requested by many respondents, for the purposes of sitting and enjoying the surrounds and assisting people with mobility issues whilst out walking.

4.3.4 Active Sporting Precinct

- Improvements to the southern end of the precinct, including the Melton Recreation Reserve, skate park, netball court, tennis courts, Melton Bowling Club and Country Club were mostly raised by the clubs themselves, along with a few general users of these facilities.
- The football club would like to see the ground realigned to allow for an extension to full size.
- Request to upgrade the pavilion to include female change facilities for both netball and football teams as well as storage. With 11 netball teams currently playing, one netball court is not sufficient. The club would like to see another court included in the master plan.
- Users of the skate park would like to see some small upgrades including a bigger, more weather-proof shelter, a drink tap closer to the shelter, bike racks, more seating and the removal of the half-pipe to make room for an extension of the skate park in the future. A long-time user of the half-pipe would like to see the half-pipe relocated to another location rather than be destroyed.
- Netball spectators currently have no seating to watch the game and instead sit on the skate street course equipment.
- There was not enough feedback regarding the two tennis/netball courts so no comments or recommendations about these facilities have been provided.









4.3.5 Safety

- Safety concerns were raised about a range of spaces and elements of Hannah Watts Park, including the safety concerns over the main entry point to Melton Recreation Reserve.
- There were concerns raised about the unsociable behaviour at the toilet bock at Hannah Watts Park.
- Other safety concerns included the crossing between the Hannah Watts Park Precinct to The Willows. The position of the crossing on a bend in the road means that people often find it unsafe to cross.
- Safety issues were raised around the width of some pathways and the issues that come with both cyclists and pedestrians sharing these. There was a suggestion that signage on pathways be installed to remind people that they are shared.

4.3.6 Open And Natural Spaces

- Respondents really appreciate the open and natural spaces of the Hannah Watts Park precinct and most people visit this park for these reasons.
- There were many comments from respondents in relation to cleaning up the creek and waterways, the need to protect the banks of the creek and maintain the green open space.

4.3.7 Signage

- The need for signage was brought up by both clubs and many park users. There were requests for signage throughout the park to both promote other spaces and facilities within the precinct, as well as provide direction and distance markers.
- There were also requests for signage to explain what you can and cannot feed the ducks and birds, to explain the aboriginal history of the area and to honour Hannah Watts and her connection to Melton.

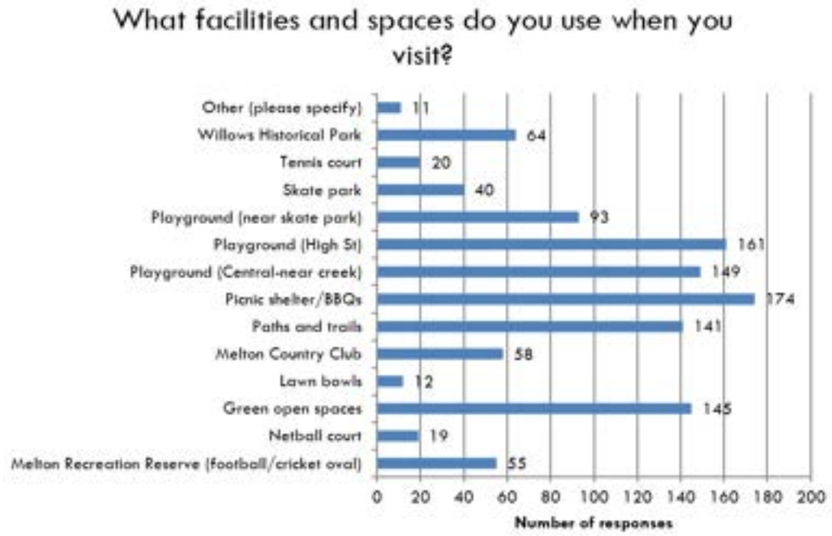
4.3.8 Public Toilets

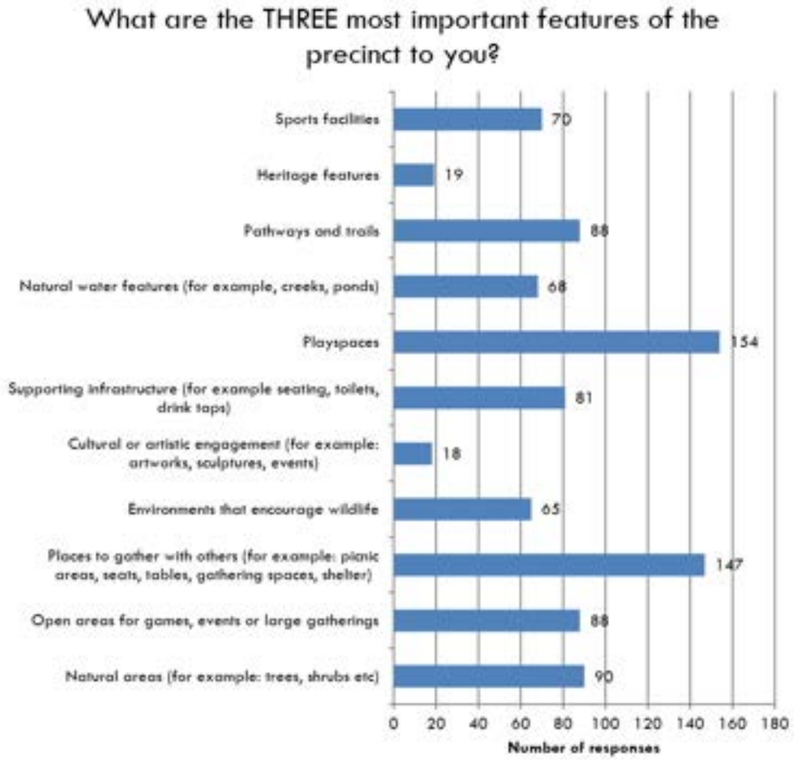
- Both the public toilets at Hannah Watts Park and the Melton Recreation Reserve were mentioned on numerous occasions by respondents as well as by the Melton Police. The toilets at Hannah Watts Park are well known to be used for unsociable behaviour and many respondents indicated that they would not use these toilets at all, especially after 3pm, and would not allow children to access these alone.
- We also heard that the public toilets at the Melton Recreation Reserve are also used for unsociable behaviour such as drug taking. It was suggested by the police that the toilets at the Melton Recreation Reserve be relocated closer to the skate park and netball courts, to allow for more passive surveillance.

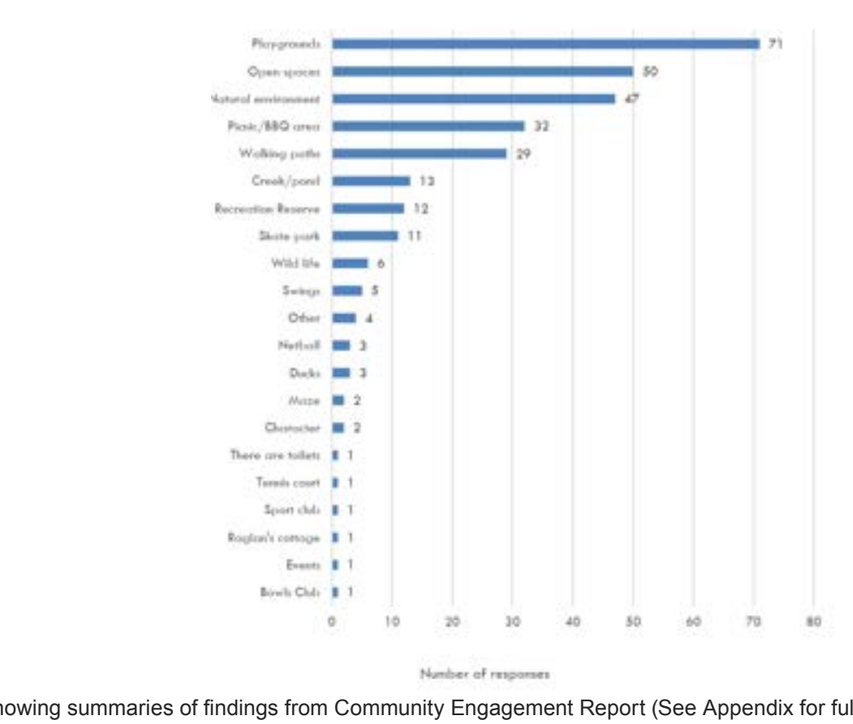


Sketch plan showing desired path connections


Warning sign at Reservoir







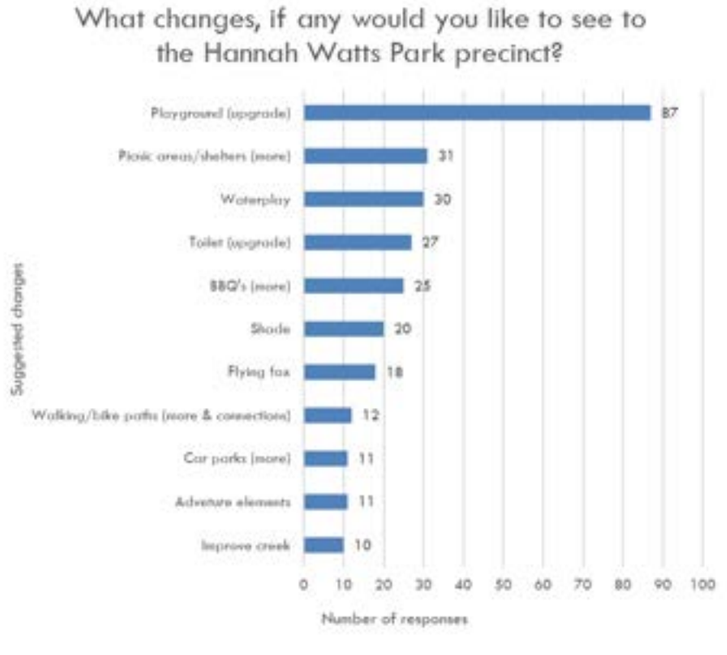


Fig. 4 Graphs showing summaries of findings from Community Engagement Report (See Appendix for full document)

4.4 Draft Master Plan Consultation Outcomes

The following is a summary of the approved changes to the Hannah Watts Precinct Master Plan which resulted from the consultation and stakeholder engagement processes undertaken for the Draft Master Plan.

Note, where suggestions were made for items that were already addressed in the Master Plan, but not understood by respondents, no comment or actions have been identified.

Summary of changes included in the Master Plan:

- Suggestion to relocate RSL memorials to Willows Homestead removed from Master Plan. Memorials to remain in High Street.
- Alternatives to better open up The Willows Historical Park to the general public to be explored.
- The designated 'Dog off lead area' was removed from the Master Plan. This would need to be fenced (direction from 2010 Councillors), which is not preferred so this was removed from the plan. Existing dog off lead park is located nearby at Navan Park.
- Existing toilets near netball courts to be retained and upgraded to service the south western precinct of park.
- Possible installation of steel pipe barriers added to the Master Plan along creekside path to overcome issues with illegal trail bike riders passing at speed.
- CFA Judges Box & Marshall's track to CFA training facility added to the Master Plan (elevated for clear visibility to track). This facility could double as football coaches' box or scoreboard with storage below.
- Fence to northern edge of CFA training track added for safety of visitors during training activities.
- Power and lighting to CFA training area and cricket nets added to assist with lighting for evening training sessions.
- Option 2 north / south orientation of the oval and associated layout for the Recreation Reserve including Pavilion near Country Club preferred. Red Gum removed to enlarge oval to be incorporated in nature play area.
- Suggestion for turf cricket wicket removed. (Not supported by other user groups).
- Cricket storage area added near cricket nets. Power to be extended to cricket nets for bowling machine.
- Access road and carpark isles within Recreation Reserve areas to be sealed to reduce dust.
- Layout and circulation with the proposed carpark area to the east of the oval to be improved (fence needed to prevent balls entering carpark).
- Review area contained within the current lease for Country Club (the western section beyond the gravel car park) to be undertaken. May be in excess of future needs.
- Proposal for signalised pedestrian crossing on High Street near Police Paddock has been removed from this Master plan. A more suitable crossing location is proposed at the High Street / Smith Street intersection.

Suggestions not acted upon:

- More parking areas and larger carparks. This is not viable without reducing or compromising valuable parkland space. Existing carpark layouts have been reviewed and made more efficient without reducing the overall numbers. Police Paddock may be used as a temporary carpark for major events and activities.
- Relocation of netball courts onto kick about lawn to the northern of the oval. Considered too intrusive in this visually sensitive area. Would compromise highly valued area and use by other groups and the general public.
- Relocation of Netball Courts near cricket nets. Insufficient room in this location. Issues with access to pavilion.
- Extension of Recreation Reserve barrier fencing around Netball Courts joining to oval fence. Considered too visually and physically intrusive for general park users.

5 THEMES AND KEY PRINCIPLES

This section considers background documents, community consultation feedback and existing conditions analysis to make recommendations relating to the nine key themes within the Hannah Watts Park Precinct Master Plan area. Each theme includes key principles based on community values, and summaries of key issues and recommendations relevant and applicable to that theme. The key themes of the Master Plan include:

- Facilities and Amenities
- Landscape and Vegetation
- Access, Circulation and Connections
- Recreation - Health and Wellbeing
- Event Infrastructure and Social Amenity
- Organised Sports and Clubs
- Buildings
- Traffic, Parking and Vehicle Management
- Public Appreciation and Signage



Proposed plans in this section are indicative and subject to further detailed design.

Key Principles Summary

1. Facilities and Amenities

Provide appropriate new park facilities to cater for increasing usage and equitable use of Park space. Include additional facilities that will cater for increased use (playground equipment, picnic facilities etc.) and improve safety and access to facilities for all users. Park facilities and amenities should be in good condition with consistent styles that blend in with the landscape character.

2. Landscape and Vegetation

Preserve, enhance and celebrate the Toolern Creek Landscape. Extend the informal and natural landscape character of the creek into other parts of the site. Maintain existing tree canopy and increase trees with native (preferably indigenous) trees. Reduce the visual impact of the highway and adjacent factories with additional screen planting.

3. Access, Circulation and Connections

Improve access, circulation and connections, within the precinct and to Central Melton and surrounding areas, to improve safety and amenity for pedestrians and reduce reliance on car use. Paths should be safe, well connected and provide for a range of recreational uses including walking, running and low speed bicycles. Improve permeability and the relationships between the precincts including better integration of the Melton Recreation Reserve and The Willows Historical Park within the wider park landscape.







4. Recreation - Health and Wellbeing

Hannah Watts Park and surrounding environment supports walking, running, active sporting activities and the overall health and wellbeing of the Melton community. Implement necessary renewal and upgrades to existing recreation facilities that encourage health and well being.

5. Event Infrastructure and Social Amenity

Hannah Watts Park Precinct should continue to be utilised and promoted to support major events and tourism. Build on the social and cultural heritage of the Park in providing for varied activities, events and healthy outdoor recreation for the whole community.

6. Organised Sports and Clubs

Provide improved facilities (including sports pavilions) that balance the needs of various organised user groups, schools and clubs at different times so as to maximise use and minimise the park space required.







7. Buildings

Buildings should be kept to a minimum and should have multi-functional shared use and community benefit. The footprint and visual impact of any new buildings should be minimal.

8. Traffic, Parking and Vehicle Management

Improve safety and amenity for all Park Precinct users including pedestrians, cyclists, drivers and all other recreational users by reducing the impacts of vehicles and traffic congestion both within and around the precinct. Car parking capacity should be flexible to adapt to the varying demands of the Park Precinct while having minimal impact on its environs. Additional or new permanent car parking should not be provided in the precinct where it results in the permanent loss of open space or parklands.

9. Public Appreciation and Signage

Hannah Watts is recognised by the Melton community as the key central open space. Both its Indigenous and European histories should be appropriately protected, enhanced, acknowledged and celebrated. Signage as a method of interpretation should be rationalised and integrated within wayfinding signage to ensure historical information is displayed and to minimise visual clutter. Enhance public knowledge about the Park, its character, vegetation, points of interest and history through improved interpretative and way finding signage.







5.1 Facilities and Amenities

5.1.1 Key Principles:

- Provide appropriate new park facilities to cater for increasing usage and equitable use of Park space.
- Include additional facilities that will cater for increased use (eg. playground equipment, picnic facilities etc.) and improve safety and access to facilities for all users.
- Park facilities and amenities should be in good condition with consistent styles that blend in with the landscape character.

5.1.2 Summary of Existing Conditions:

Existing facilities cater to numerous different user groups and have been developed in an ad-hoc fashion resulting in varied styles and quality of facilities across the park. A number of the facilities, including toilets, picnic facilities and the sports pavilion do not meet current standards for accessibility and safety, and do not cater to diverse user groups. There is a need to rationalise the location, number and type of these facilities to ensure they are flexible and cater for a growing number of users in an equitable manner.

5.1.3 Key Issues

- There is demand for more picnic facilities, playgrounds and furniture.
- Picnic shelters, playgrounds and furniture do not meet current accessibility standards and are inconsistent in appearance.
- Perceptions of safety are poor at toilets, play maze, skate park and the isolated area at back of Melton Country Club.
- Primary paths are not well lit.
- Playgrounds are not well integrated with landscape and require buffers from roads and the creek.
- More detailed existing services information is required to enable provision of power for new facilities (lighting, barbeques etc).

5.1.4 Recommendations:

- Increase the number of picnic and play facilities.
- Ensure new furniture, shelters, toilets and signs are contemporary and consistent with the palettes provided.
- Ensure new facilities comply with current standards for access.
- Consolidate play areas away from roads and provide new equipment that is equitable and well integrated with the landscape.
- Provide lighting to selected paths, toilets and shelters. Lighting to be located away from habitat areas and have dimming sensors to minimise impact on wildlife.
- Upgrade services as required for new facilities.



Examples of inconsistent and non-compliant existing furniture and structures

5.1.5 Indicative Furniture Palette

Furniture and facilities requiring upgrades should either be propriety elements selected from the indicative palette provided or high quality contemporary custom designed elements with materials and finishes that are sympathetic with the standard palette.

The palette has been selected to ensure robust, easily maintained quality products are used with consistent styles that suit the park character and the broader Melton context.

Preferred colours/finishes for standard furniture are natural timber and steel finishes and contemporary neutral and recessive paint colours that blend with the natural settling.

Timbers should be regularly oiled with a uniform product to ensure consistency and longevity.


Penninsula Skillion Roof Shelter


Coastal Timber Restroom


DDA Compliant Bridge


'Vialume' Light Fitting


Timber Fence

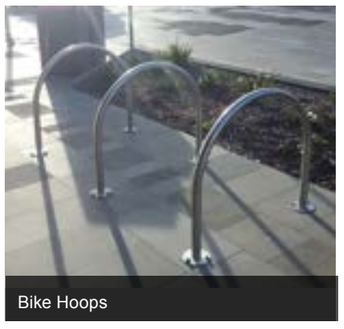

Wheelchair Accessible Metro Setting


'Imagination Play' Exercise Equipment


Access Double Plate BBQ


Drinking Fountain


Dual Bin Surround


Bike Hoops

5.1.6 Indicative Materials & Finishes Palette


Tooberic Granitic Gravel


Exposed Aggregate Concrete


Standard Grey Concrete

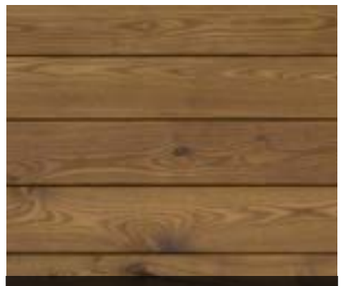

Organic Mulch

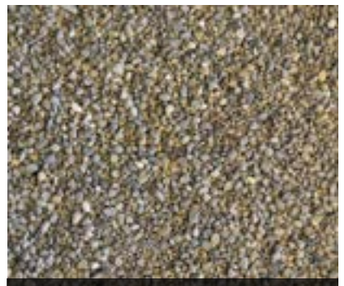

Rubber Softfall
A1 Rubber ‘Carnival’ Range Colour


Painted Steel Colour - ‘Woodland Grey’


Painted Steel Colour - ‘Woodland Grey’

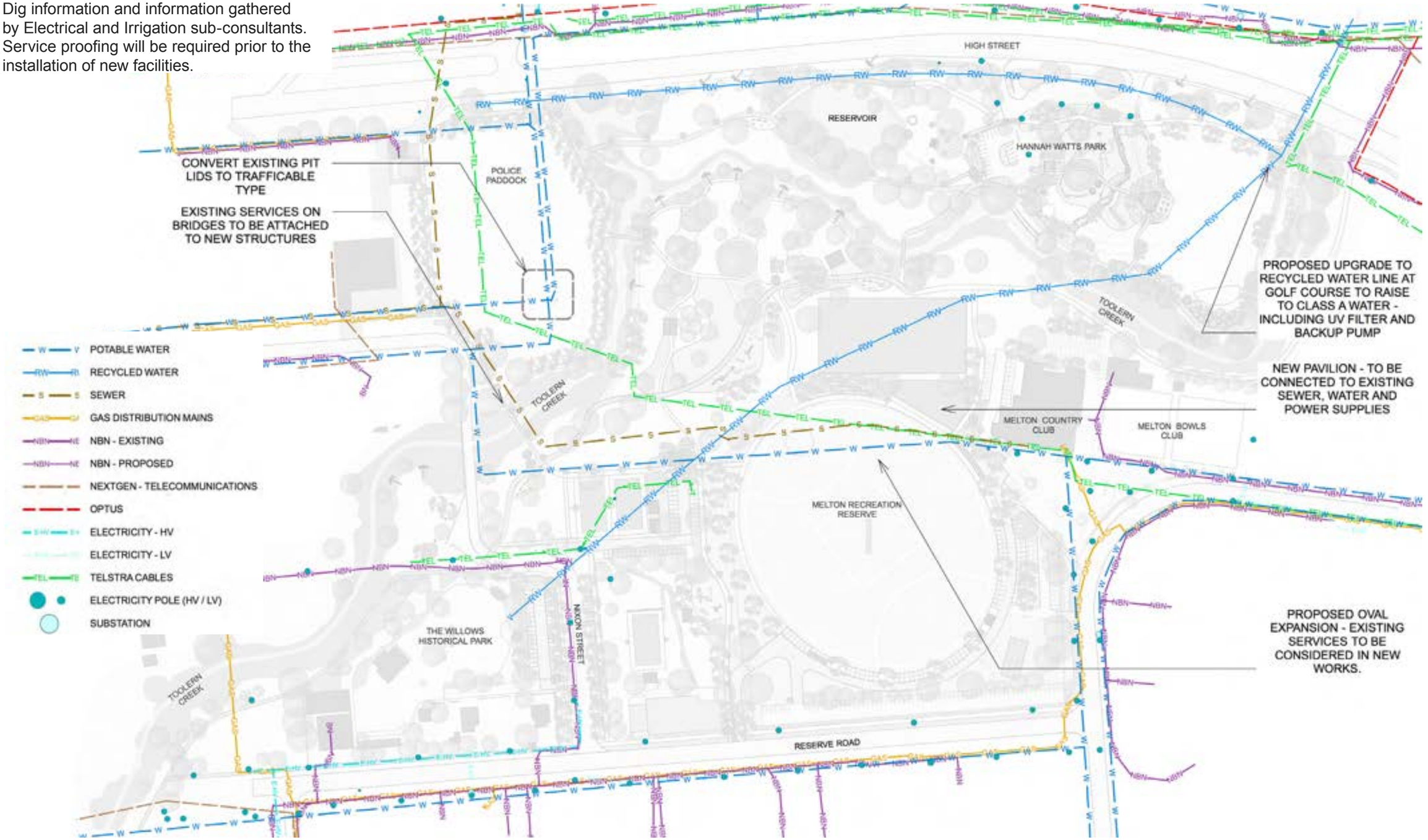

Painted Steel Colour - ‘Shale Grey’


Natural hardwood timber - Oiled finish


Pea Gravel (swales /dry creek)

5.1.7 Services Consideration Plan

This plan was compiled from Dial Before You Dig information and information gathered by Electrical and Irrigation sub-consultants. Service proofing will be required prior to the installation of new facilities.



5.2 Landscape and Vegetation

5.2.1 Key Principles:

- Preserve, enhance and celebrate the Toolern Creek Landscape.
- Extend the informal and natural landscape character of the creek into other parts of the site.
- Maintain existing tree canopy and increase trees with native (preferably indigenous) trees.
- Reduce the visual impact of the highway and adjacent factories with additional screen planting.

5.2.2 Summary of Existing Conditions:

The Toolern Creek landscape forms the central spine of the park. The quality of the Creek landscape varies from areas of remnant and planted vegetation to degraded sections with eroded banks and exotic vegetation.

The park is located within the Victorian Volcanic Plains Bio-region and the creek-line includes endangered Creekline Grassy Woodland vegetation (EVC 68). The old Melton reservoir includes endangered Tall Marsh vegetation (EVC 821). The creek waterway is managed by Melbourne Water and the adjacent landscapes are managed by Council.

The park has numerous significant existing trees, the majority of which are native and indigenous. A dense tree canopy and understory vegetation occurs mainly along the creek. Most of the park is open and grassed with scattered trees, the exception being The Willows Historical Park which includes a native garden and some exotic garden plants. A significant number of indigenous River Red Gums (Eucalyptus camaldulensis) and native Sugar Gums (Eucalyptus cladocalyx) are located adjacent high use areas and require monitoring and maintenance to ensure the risk of limb drop is minimised.

There are a number of significant River Red Gums throughout the park which have high environmental, amenity and habitat value.

Exotic trees include large pines near the sports pavilion and the Coronation Tree planted to commemorate Queen Elizabeth II's coronation.

Lawns are currently irrigated with Class B water sourced from the Melton Valley Golf Club.

Key Issues:

- Creek maintenance includes spraying edges where lawn meets the creek waterway. This causes a distinct line between the creek landscape and surrounding parkland that is visually unappealing and creates a lack of coherence between the spaces.
- Creek vegetation is poor quality in some areas and banks are eroded.
- More screening required on High St and back of Melton Country Club.
- Lack of understory vegetation outside of revegetated areas.
- Large Eucalypts overhanging paths and amenities require ongoing monitoring to prevent risk of limb drop.
- The reservoir currently does not hold water. Class B water is available from the Melton Valley Golf Club but requires treatment for use in the reservoir.
- Irrigation does not have sufficient water pressure to irrigate all areas at the same time.
- Irrigation times are restricted as Class B water is only suitable for use when park is not in use. Limited time available to irrigate means there is not enough time to irrigate properly.


Maintenance Line at Creek Edge


Revegetated Creek Edge


Exotic Creek Edge


River Red Gum


Scattered Trees

5.2.3 Recommendations:

- Introduce more planting adjacent creek to enhance experience of creek landscape and integrate with usable areas. Where the creek vegetation extends out of creek corridor and into adjacent park spaces (amenity planting) the plant selection should include robust species from the Plains Woodland revegetation list (refer Practical Ecology Report in Appendix).
- Prepare a Revegetation Plan for the full extent of Toolern Creek within the park. The vegetation within the creek corridor is to be indigenous species of local provenance from the Creekline Grassy Woodland Ecological Vegetation Community (EVC 68 - refer Practical Ecology Report in Appendix).
- Strategic use of planting to lessen impact of roads, improve views and screen buildings. Carefully select plants to ensure view lines are maintained for safety (refer to Section 7 - Precinct Plans).
- Increase underplanting to areas away from the creek including playgrounds, picnic facilities and building surrounds to improve amenity and soften hard edges. Plants to include robust and drought tolerant indigenous and native species.
- Ensure ongoing maintenance and monitoring of large Eucalypts by an arborist.
- Re-introduce water to the reservoir and create rock swale with bio-filtration planting (see Precinct 1B Plan).
- Install UV filter and upgrade pump at golf club to improve water quality to Class A so that irrigation hours are more flexible and water can be used to fill reservoir.



Fig. 5 Existing Vegetation



Fig. 6 Proposed Vegetation

5.2.4 Indicative Plant Palette



Fig. 7 Indigenous Plants

5.3 Access, Circulation and Connections

5.3.1 Key Principles:

- Improve access, circulation and connections within the precinct and to surrounding areas including central Melton to increase safety and amenity for pedestrians and reduce reliance on car use.
- Paths should be safe, well connected and provide for a range of recreational uses including walking, running and low speed bicycles.
- Improve permeability and relationships between the precincts. Better integrate the Recreation Reserve, netball and youth precinct, and The Willows Historical Park within the wider park landscape.

5.3.2 Summary of Existing Conditions:

There are a number of wide high quality shared paths in the park precinct however they do not all connect up to form an easily navigated network.

Park boundaries at road edges along High Street, Reserve Road and Nixon Street lack footpaths that would provide direct routes to the precinct from surrounding areas and improve safety by reducing conflicts between cars and pedestrians.

Similarly there are is a lack of designated pedestrian paths at internal gravel roads and carpark within the precinct, particularly around the Melton Recreation Reserve and Active Recreation and Youth Precinct. There is one non-compliant path crossing the creek that is unsafe, and at times impassable, as well as three bridge crossings that require upgrading to meet current standards.


Shared path


Pedestrian Entry to Park on High St at Police Paddock


Abrupt end to path


Non-compliant creek crossing


Nixon St nature strip lacking formal path connections

5.3.4 Key Issues:

- The path network is incomplete and some paths end abruptly.
- There is no clear path link to the Melton Botanic Gardens and Melton Town Centre.
- Safe crossing points are required at Hannah Watts Park entry car park and Nixon Street.
- The lack of designated footpaths at gravel roads and parking areas within the precinct is a safety issue.
- The existing bridges and path crossings over the creek are unsafe / not compliant.
- There is a lack of continuous walking paths along creek edge.
- The back of the bowls club is isolated and would benefit from increased pedestrian use to mitigate undesirable activities.
- There have been issues with illegal motor bikes accessing pedestrian paths within the precinct.



Fig. 9 Existing Context - Open Space and Shared Paths

5.3.6 Recommendations:

- Provide new connections to join up existing path network.
- Provide new path connections to the precinct from the City Centre and the Melton Botanic Gardens.
- Provide raised crossings at Nixon Street and the Hannah Watts entry car park.
- Provide compliant bridges across the creek.
- Clearly delineate pedestrian and vehicle areas using surface types and/or low post and rail barriers.
- Provide new paths along creek edge to improve access and encourage creek edge activity.
- Provide a new path connection along the northern park boundary for pedestrians walking to town from the east along the south side of High St.
- Provide new footpaths along boundaries at Nixon Street and Reserve Road.
- Explore opportunities to install pedestrian only access at key entries to trails to prevent illegal motor bike access.

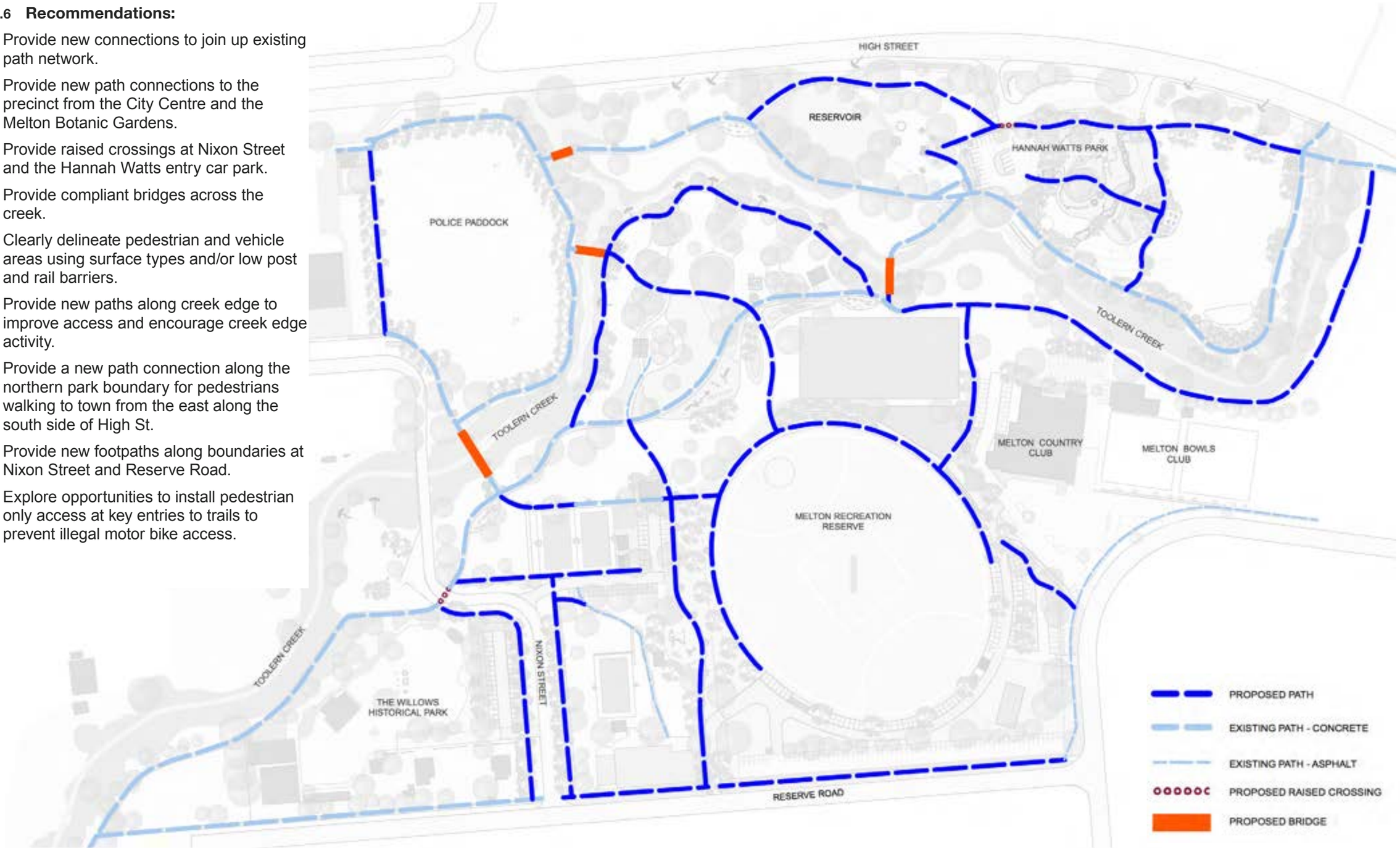


Fig. 10 Proposed Paths

5.4 Recreation (Health and Wellbeing)

5.4.1 Key Principles:

- Hannah Watts Park Precinct and surrounding environment supports walking, running, active sporting activities and the overall health and wellbeing of the Melton community.
- Implement necessary renewal and upgrades to existing recreation facilities that encourage health and well being.

5.4.2 Summary of Existing Conditions:

Hannah Watts Park Precinct is a popular venue for casual recreational activities with opportunities for walking, dog walking, jogging, skating, casual cycling and sports, bocce, bird watching and play. The park is used for these activities by local Melton residents, regional visitors and passing travellers who stop to picnic and play and make use of the amenities. Visitors include individuals and groups (people with disabilities, school holiday programs and large family groups) who use the park as a place to appreciate nature and to recreate, gather and socialise in a relaxed outdoor setting.

The existing path network lacks navigational signs, drinking fountains, and exercise equipment (suitable for all ages including elderly) that would support more walking and jogging around the park.

The existing irrigated multi-purpose field in the centre of the park is in good condition and provides a good opportunity for casual sports.

The creek is an attractive natural feature and opportunities for safe, respectful and non-destructive or intrusive occupation of the creek edge should be explored.

5.4.3 Key Issues:

- The precinct lacks circuit paths for running and exercise.
- There is a lack of fitness stations, directional markers, drinking fountains along paths within the park.
- The skate park requires upgrades including removal of vertical ramp and upgraded facilities (floodlights, power to host events).
- There is a lack of creek edge furniture to encourage safe and appropriate engagement with waterway.

5.4.4 Recommendations:

- Connect path circuits for walking and jogging.
- Install all ages exercise equipment, signs and drinking fountains along path.
- Prepare skate strategy and upgrade skate area including multi-purpose court and graffiti wall.
- Provide opportunities for creek edge occupation and contemplation including seats, bird hide, rock steppers, decks and terraces.







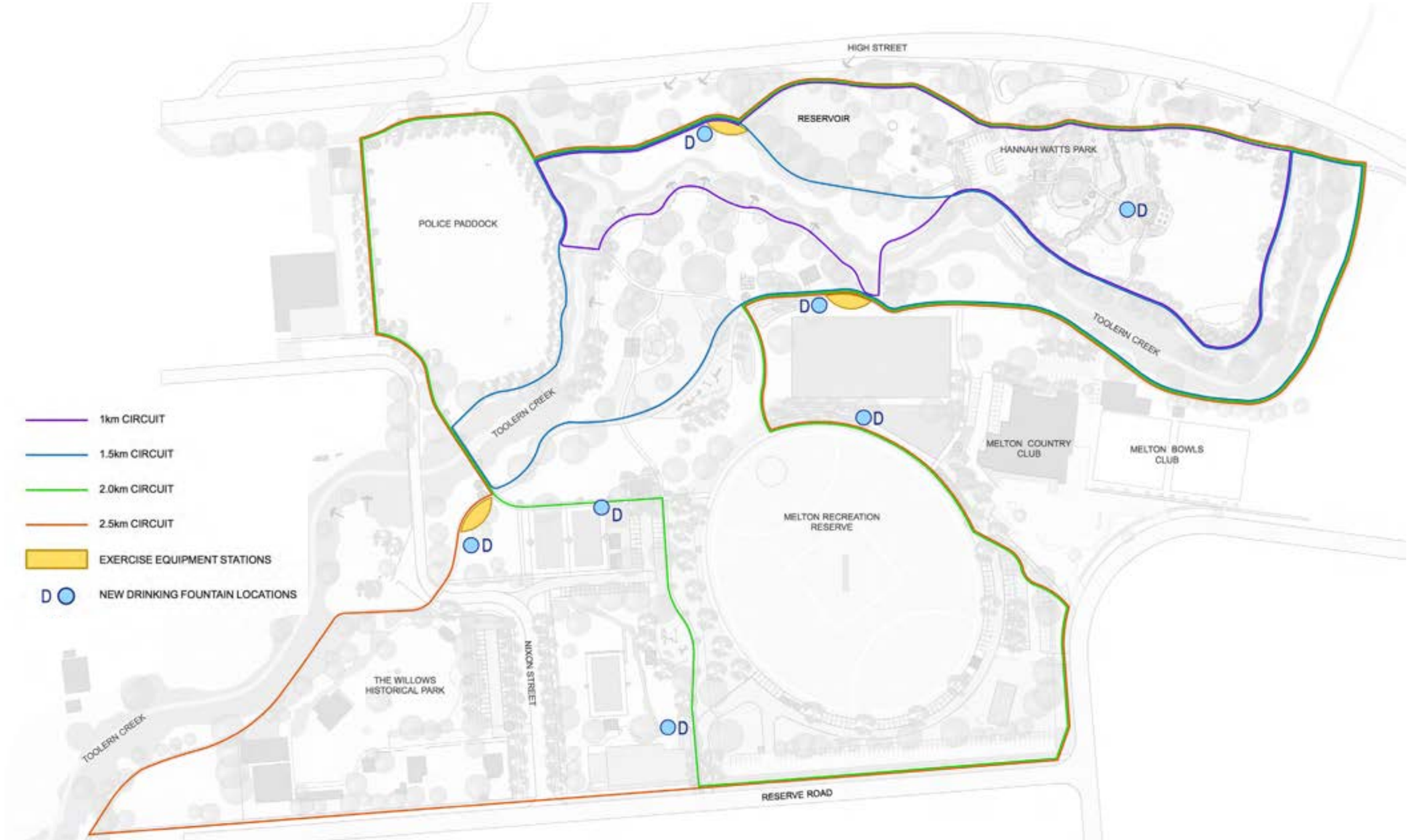


Fig. 11 Indicative running circuits on proposed path network (comprised of existing and proposed paths)

5.5 Event Infrastructure and Social Amenity

5.5.1 Key Principles:

- Hannah Watts Park Precinct should continue to be utilised and promoted to support major events and tourism.
- Build on the social and cultural heritage of the Park in providing for varied activities, events and healthy outdoor recreation for the whole community.

5.5.2 Summary of Existing Conditions:

The park is the site of a number of significant annual events including the Council run Djerriwarrh festival, Carols by Candlelight and Harmony Day. Numerous community groups host their own events in the park and this number is increasing.

The Djerriwarrh festival is held in November and operates across the whole park. The Lions Club Carnival occurs simultaneously and is set up in Police Paddock. Carols by Candlelight is held in the small events space in Precinct 1. Harmony Day is held at The Willows Historic Park in March.

5.5.3 Key Issues:

- There is no power provided on site for events and generators are currently brought in at considerable cost and are unsightly and loud.
- Spaces could be more intensively used for casual recreation outside of events.
- Existing services infrastructure in events lawns is visually intrusive.

5.5.4 Recommendations

- Maintain grassed areas as flexible open space for events, casual recreation and overflow parking.
- Improve landscaping and trees around edges of lawn areas to better integrate with parkland and increase shade.
- Explore opportunities to reduce visual impact of services infrastructure in lawns (see Precinct 2 and Precinct 4 plans).
- An assessment of upgrading the power supply to suit peak demand for events was undertaken. Based on cost assessment it is not feasible at this time due to peak demand tarifs, initial cost and ongoing fees.



Services infrastructure in events lawn



Services infrastructure in events lawn

5.6 Organised Sports and Clubs

5.6.1 Key Principles:

- Provide improved facilities for organised sport and clubs.
- New facilities should balance the needs of various organised user groups, schools and clubs at different times so as to maximise use and minimise the park space required.
- Better Integrate sports facilities with parkland.

5.6.2 Summary of Existing Conditions:

A number of different groups use the park for organised sports including football, netball, cricket, bowls and skating.

The sports facilities at the Melton Recreation Reserve are shared by a number of clubs including football, netball and cricket and are not sufficient and flexible enough to cater for all users. Upgrades are required to the pavilion, oval, netball/tennis courts and skate area to better accommodate the needs of these groups.

The cricket club uses two practice nets that are in good condition, however the two old nets are not fit for purpose.

The CFA fire track was built in 1996 and is used by juniors and seniors for training and competitions. The CFA is hoping to host state championships in future which would boost tourism to the area. The track is in good condition and well used and includes sub-surface pumps and water storage.

The skate park is in good condition and provides variety but the vertical ramp is not well used and is at the end of it's lifespan.

There are two older tennis / netball courts in the youth precinct that are in poor condition and lack floodlights.

The bowls club includes two synthetic bowling greens (1 floodlit) and the clubhouse has recently been upgraded and is in excellent condition.

The Melton Country Club is leased from Council by the Essendon Football Club and the existing lease area (current as of November 2018) includes the building and a portion of land to the west used for overflow parking (Refer Fig.3 Section 2.6)

5.6.3 Key Issues:

- Oval is too small for senior football (145m goal to goal), and on undesirable east west alignment.
- The turf surface is in poor condition with uneven surface, no sub-surface drainage and mixed turf species.
- An upgrade and expansion of cricket net facilities required.
- Temporary fencing installed for ticketing is being left in place between games creating barrier between oval and parkland.
- The high quality netball court (installed in 2016) is too close to the skate park resulting in vandalism and player discomfort.
- CFA fire track does not have adequate protection from fire for crowds in events.
- Upgrades are required to CFA facilities for competitions.
- Pavilion does not cater for all users (See Section 5.7 Buildings).

See Precinct 6 plan for netball upgrades and Precinct 8 plan for minor upgrades to bowls club.

5.6.4 Recommendations:

The following two options for oval upgrades were explored as part of the development of the master plan. Budget availability, long-term closure and opportunities for the club to temporarily locate, and growth demands will need to be explored in more detail prior to the implementation of oval upgrades.


Pavillion and Oval


Fire Track


tennis Court


Netball Court


vertical Ramp


Cricket Practice Nets

Option 1 - Re-align Oval (Primary)

- Increase oval size on north-south orientation and upgrade turf surface.
- Provide new pavilion to north east of oval with all gender change rooms.
- Provide separate netball facilities by netball courts.
- Provide new cricket practice net and associated maintenance shed with power.
- Provide sleeved removable fencing between oval and northern parkland.
- Improve landscape to oval surrounds including deck, mound, terraces and tree planting.
- Improvements to CFA facilities including low safety barrier, judges box and marshall's track.

Advantages:

- Improved oval alignment for sports.
- Improved relationship between oval and parkland.
- Existing playground retained and could be expanded and integrated with landscape.
- Minimised vehicle traffic in park with reduced conflicts between pedestrians and vehicles, particularly at playground.
- Building location relates well to Melton Country Club.

Disadvantages:

- More costly
- Separate netball facilities required
- Requires removal of large existing Red Gum - requires further investigation (significance to be determined)

Option 2 - Minimal change (Secondary)

- Increase oval size, upgrade turf surface and maintain east-west orientation.
- Provide new pavilion in similar position to existing with netball, football and cricket facilities (including change rooms and storage) co-located.
- Provide new cricket practice net and associated maintenance shed with power.
- Provide sleeved fencing between oval and northern parkland.
- Improve landscape to oval surrounds including deck, mound, terraces and tree planting.
- Improvements to CFA facilities including low safety barrier, judges box and marshall's track.ll's track.

Advantages:

- Less costly.
- Co-location of all sports facilities in pavilion.
- Large Red Gum retained.

Disadvantages:

- East - west oval alignment not preferred for sports.
- Playground removal required.
- Roads and building have larger footprint in parkland and relationship with surrounding parkland is not optimal.



Fig. 12 Oval Re-alignment Option 1 - Primary

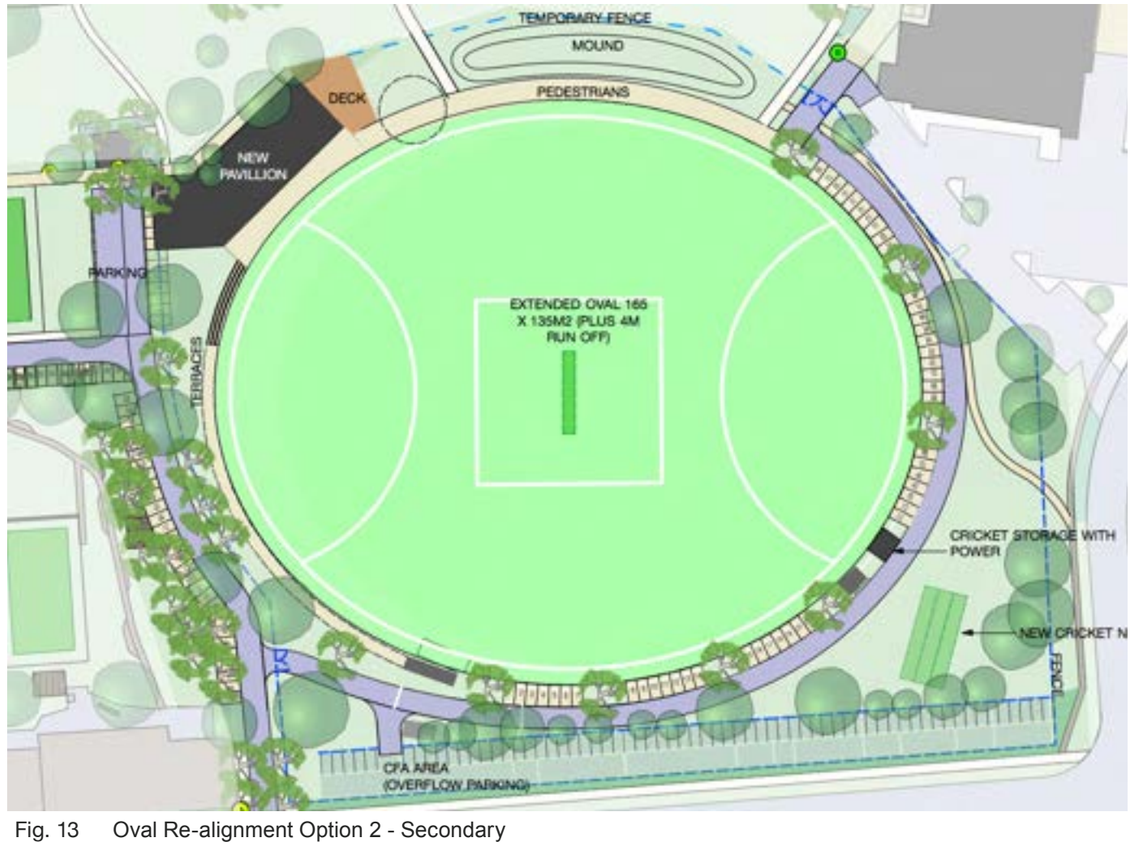


Fig. 13 Oval Re-alignment Option 2 - Secondary

5.7 Buildings

5.7.1 Key Principles:

- Buildings should be kept to a minimum and should have multi-functional shared use and community benefit.
- The footprint and visual impact of any new buildings should be minimal.
- The new pavilion should be well designed and contemporary.

5.7.2 Summary of Existing Conditions:

The park includes approximately 20 buildings that vary in age from historic settler cottages and outbuildings to a variety of shelters, toilets and pavilion installed between the 1980's and today.

Building conditions audits have been carried out by Council to assess the physical state of each structure with each building receiving a rating.

The consultation process highlighted issues with the buildings, particularly around safety and fitness for purpose. Of particular concern are the lack of compliant change rooms and lack of womens facilities in the existing sports pavillion and safety concerns around toilets.

The existing pavillion has non-compliant male only change rooms. Netball clubs are currently using temporary change facilities housed in a portable building and a new short - mid term facility is about to be installed near netball court.

The recommendations made in this report take into account both the physical conditions audits and the feedback from the consultation process.

5.7.3 Key Issues

- Pavilion does not cater for netball users and has non-compliant male only change rooms, lacks secure storage. The existing kitchen is too small and separate serveries are required for food and alcohol.
- Recreation Reserve public toilets are not well integrated with landscape and perceptions of safety are poor.
- Netball currently using portable change rooms / toilets away from netball courts.
- The Willows machinery sheds and historic dairy require structural review to prevent safety risk.
- Raglan Cottage location is exposed and does not have usable outdoor space for occupying artists.
- Defunct buildings clutter park and reduce usable park space.
- Shelters and rotundas are dated, not consistent in style and not meeting current accessibility standards.

5.7.4 Recommendations

- Replace existing Melton Recreation Reserve pavilion with a new multi functional building (Appox 1000m2 footprint). New building to have all gender change rooms, secure storage, improved social rooms, kitchen and servery.
- Upgrade Melton Recreation Reserve public toilet block including landscape surround, lighting and paint to suit park colour palette.
- Re-use late 2018 prefabricated netball facilities building and co-locate with new netball courts.
- Undertake structural review of historic buildings in poor and fair condition to determine extent of repairs required to maintain use (subject to heritage specialist review and advice).
- Create separate garden space around Raglan Cottage for use artists in residence.
- Remove defunct buildings with failed ratings including the tennis shed.
- Outdated shelters and rotundas should be replaced with well designed custom.

The following table is a summary of existing building condition audit - defunct buildings and those in poor condition require priority attention.

EXISTING BUILDING SCHEDULE

Reference	Building Name	Condition Rating
1	Raglan Cottage	Fair
2	Melton Recreation Reserve Pavilion	Good*
3	Dunvegan Cottage	Fair
4	The Willows Historical Homestead	Fair
5	Willows Machinery Shed	Poor
6	Melton Bowling Club	Good
7	Willows Toilets	Good
8	Melton Recreation Reserve Toilets	Good
9	Macs Cottage	Fair
10	Tennis Shed	Failed
11	Macs Cottage Storage Shed	Fair
12	Willows Storage (Historical Society)	Excellent
13	Willows Historic Machinery Shed	Poor
14	Willows Historic Dairy	Poor
15	Melton Bowling Club	Good
16	The Willows Rotunda	Fair
17	Melton Recreation Reserve Rotunda	Fair
18	Men's Shed	Excellent
19	Hannah Watts Park BBQ Shelter	Excellent
20	Melton Recreation Reserve Storage Shed	Good
21	Hannah Watts Park Toilet Block	N/A*

* Denotes buildings not fit for purpose

Building Condition Audit Ratings (physical attributes only)

Excellent - Not new but in Excellent condition with no indicators of any future obsolescence and providing a very high level of remaining service potential

Good - Aged and in good condition and provide an adequate level of remaining service potential. No signs of immediate or short term obsolescence.

Fair - Providing an adequate level of remaining service potential but some concerns over the ability of the asset to continue to provide an adequate level of service in the short to medium term. May be signs of obsolescence in short to mid-term.

Poor - Indicators that will need to renew, upgrade or scrap in near future. Should be reflected by inclusion in the Capital Works Plan to renew or replace in short-term. Very low level of remaining service potential

Failed - At intervention point. No longer providing an acceptable level of service. If remedial action is not taken immediately the asset will need to be closed or decommissioned. A high risk of serious impact, public safety hazards exist.
(from FG Dixon Group Condition Inspection reports 2018)


Raglan Cottage


Melton Recreation Reserve Pavilion


Dunvegan Cottage


The Willows Historical Homestead


Willows Machinery Shed


Melton Bowling Club


Willows Toilets


Melton Recreation Reserve Toilets


Macs Cottage


Tennis Shed


Macs Cottage Storage Shed


Willows Storage (Historical Society)


Willows Historic Machinery Shed


Willows Historic Dairy


Melton Bowling Club


The Willows Rotunda



Melton Recreation Reserve Rotunda



Men's Shed


Hannah Watts Park BBQ Shelter


Melton Recreation Reserve Storage Shed

Fig. 14 Existing Buildings

PROPOSED BUILDING SCHEDULE

Reference	Building Name
A	Melton Recreation Reserve Pavilion
B	Netball Changerooms
C	Scoreboard & Storage Shed
D	Hannah Watts Park Toilet Block

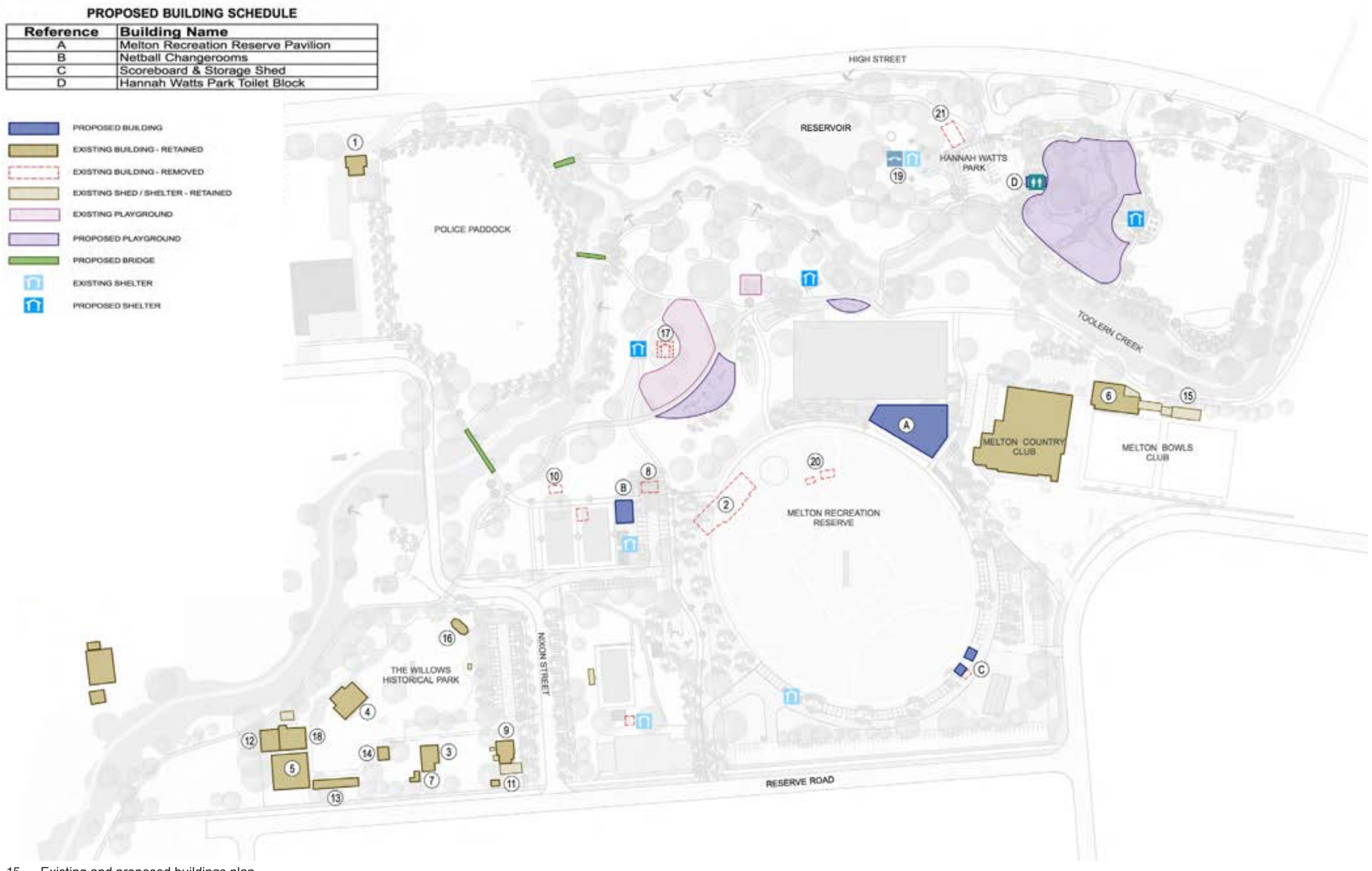


Fig. 15 Existing and proposed buildings plan



Raglan Cottage - New outdoor work space and garden proposed (see Precinct 2 Plan).



Pavilion - Replace with new pavilion that caters to all users (see Precinct 5 Plan).



Willows Machinery Shed - Structural review required (see Precinct 7 Plan).



Melton Recreation Reserve Toilet Block - Upgrade to increase safety, accessibility and presentation (see Precinct 4 Plan).

5.8 Traffic, Parking and Vehicle Management

5.8.1 Key Principles:

- Improve safety and amenity for all Hannah Watts Park Precinct users including pedestrians, cyclists, drivers and all other recreational users by reducing the impacts of vehicles and traffic congestion both within and around the Precinct.
- Car parking capacity should be flexible to adapt to the varying demands of the Park Precinct while having minimal impact on its environment.
- Additional or new permanent car parking should not be provided in the precinct where it results in the permanent loss of open space or parklands.

5.8.2 Summary of Existing Conditions:

The existing roads are functioning well for vehicles, and parking is considered sufficient to meet the needs of drivers and the relevant facilities. However the lack of definition of vehicular areas is impacting on the quality of the parkland and creates unsafe conditions for pedestrians within the park. Of particular concern is the Melton Recreation Reserve entry road proximity to the southern playground.

Large undefined gravel areas for parking should be rationalised to increase parking in set areas and reduce parking footprint on the park.

The CFA fire track is sealed and well located to provide overflow parking for events.

Police Paddock and the space behind the Country Club are well placed to provide overflow parking for events.

5.8.3 Key Issues:

- There are conflicts between vehicles and pedestrians on internal roads, particularly between southern playground and oval and on access road around oval where there are no designated footpaths.
- The main reserve access road forms a barrier between the oval precinct and the playground/netball courts.
- There is no clear delineation between gravel road surfaces and parking areas.
- Designated parking areas are not clearly defined and expansive gravel parking areas require rationalisation to maximise their capacity and reduce their footprint on parkland.
- There are no defined pedestrian crossings at Nixon Street and Hannah Watts Park entry carpark.

5.8.4 Recommendations:

- Re-align road around oval away from playground and netball courts.
- Seal main access roads and provide clear delineated gravel parking bays.
- Provide defined edges, low planting and trees around gravel parking bays to better delineate space and increase shade.
- Investigate use of removable bollards or low barriers with removable segments to allow parking during events and prevent parking in overflow areas when not necessary (eg. day to day use when spaces are available in dedicated parking areas). These areas could be grassed and function as parkland at other times.
- Use low post and rail barriers to prevent vehicles accessing parkland areas.
- Provide raised pedestrian crossings Nixon St and Hannah Watts entry car park.


Melton Recreation Reserve entry road


Cars parked at oval


Gravel parking behind Country Club

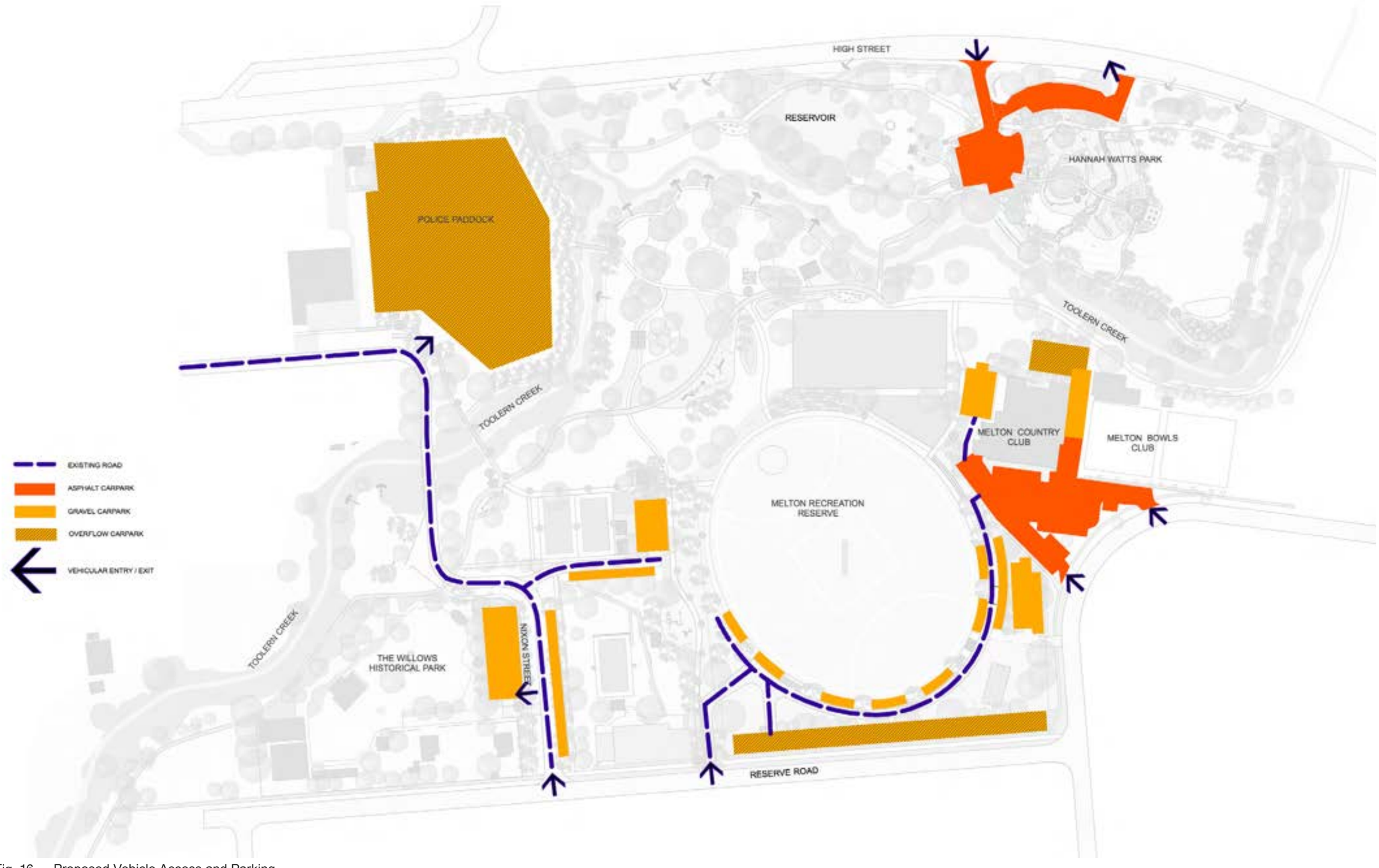


Fig. 16 Proposed Vehicle Access and Parking

5.9 Public Appreciation and Signage

5.9.1 Key Principles:

- Hannah Watts Park Precinct is recognised by the Melton community as the key central open space. Both its Indigenous and European histories should be appropriately protected, enhanced, acknowledged and celebrated.
- Signage as a method of interpretation should be rationalised and integrated within wayfinding signage to ensure historical information is displayed and to minimise visual clutter.
- Enhance public knowledge about the Precinct, its character, vegetation, points of interest and history through improved interpretative and way finding signage.

5.9.2 Summary of Existing Conditions:

There are a variety of existing signs throughout the precinct including interpetive, navigational and warning signs. Signage across the entire park precict is inconsistent and intepretive and warning signs are outdated.

Wayfinding signage is currrently limited to the Toolern Creek Trail signs that connect the creek pathway with the broader creek landscape outside the park. There are currently no signs with maps and directional arrows to provide direction to destinations within the park or to surroundings including the Town Centre, Melton Library and Learning Hub, Melton Civic Centre and the broader open space network.

Interpretive signs contain some good information but are text heavy and in need of renewal. Emphasis is on post settler history.

The dry stone wall at the park entry is an attractive feature however the existing inset timber name sign is small and not easily read from passing cars.



Interpretive Sign



Park Entry Sign



Toolern Creek Trail Sign


Willows Interpretive Sign



Warning Sign



Willows Interpretive Sign

Fig. 17 Existing Park Signs

5.9.7 Key Issues:

- The signage isn't universally designed for users with a vision impairment.
- The signage isn't strategically located.
- The signs are outdated and inconsistent in style.
- There is a lack of wayfinding signs within the Park Precinct.
- The interpretive signs are faded and text heavy.
- The park entry sign at High Street is too small to read from the road.
- The Reserve Road frontage lacks precinct entry signage.
- Indigenous history is not equitably expressed and the content is not current.

5.9.8 Recommendations

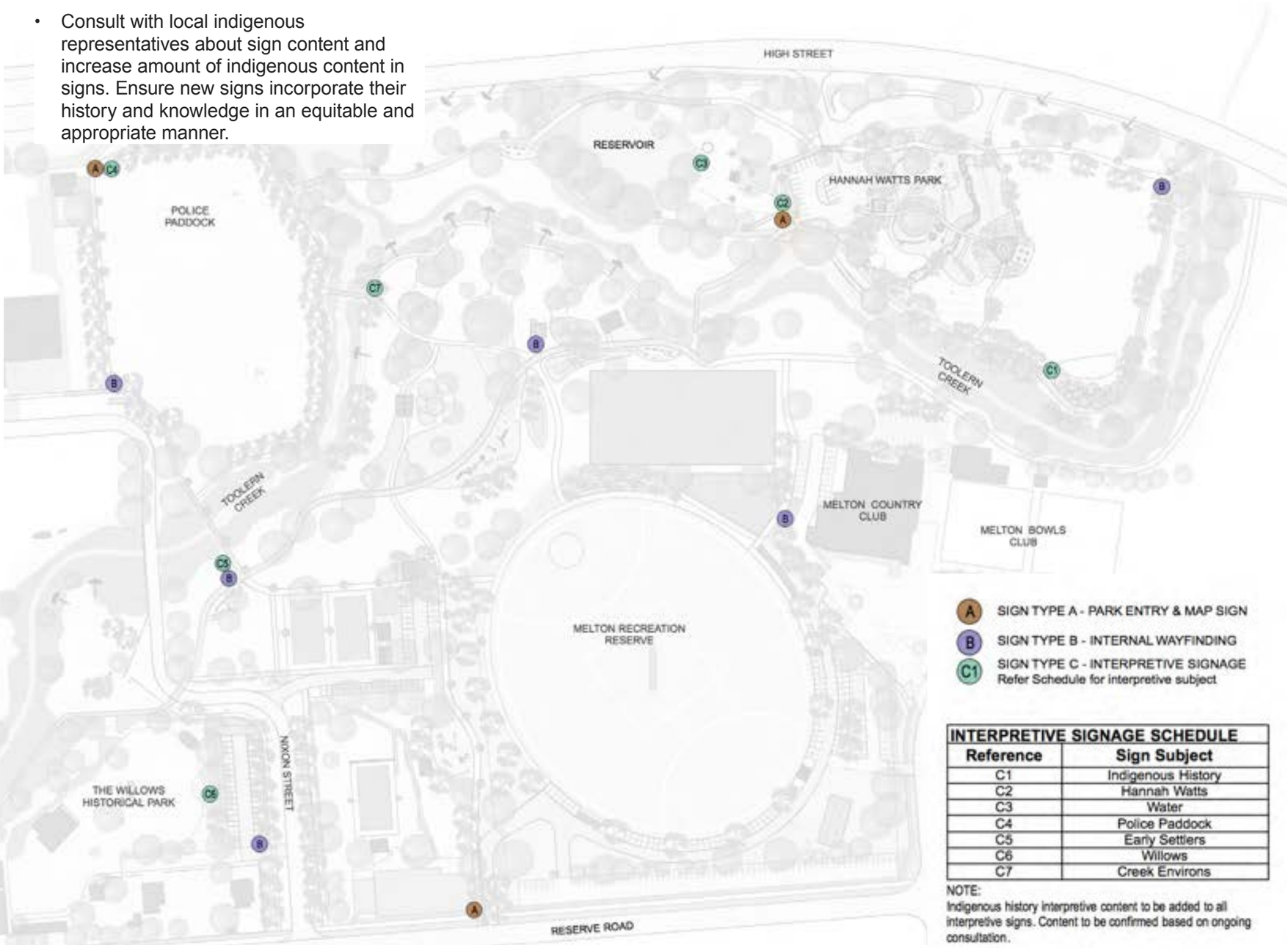
- Remove the existing signs and replace with a new suite of signs that incorporate wayfinding, interpretation and warnings.
- Replace the name sign at the Hannah Watts Park entry on High Street with larger steel lettering (fixed to the existing wall) that is legible from the road.
- Create a small version of the dry stone entry feature with park name sign on Reserve Road.
- Consult with local indigenous representatives about sign content and increase amount of indigenous content in signs. Ensure new signs incorporate their history and knowledge in an equitable and appropriate manner.





Fig. 18 Precendent Images - Entry Name Sign

Note: This plan is indicative and will be reviewed and refined as part of the detailed design process.



INTERPRETIVE SIGNAGE SCHEDULE

Reference	Sign Subject
C1	Indigenous History
C2	Hannah Watts
C3	Water
C4	Police Paddock
C5	Early Settlers
C6	Willows
C7	Creek Environs

NOTE:
Indigenous history interpretive content to be added to all interpretive signs. Content to be confirmed based on ongoing consultation.

Fig. 19 Indicative Sign Locations Plan

HANNAH WATTS PARK

SIGNAGE DESIGN

SIGNAGE SUITE



Fig. 20 Draft Signage Suite

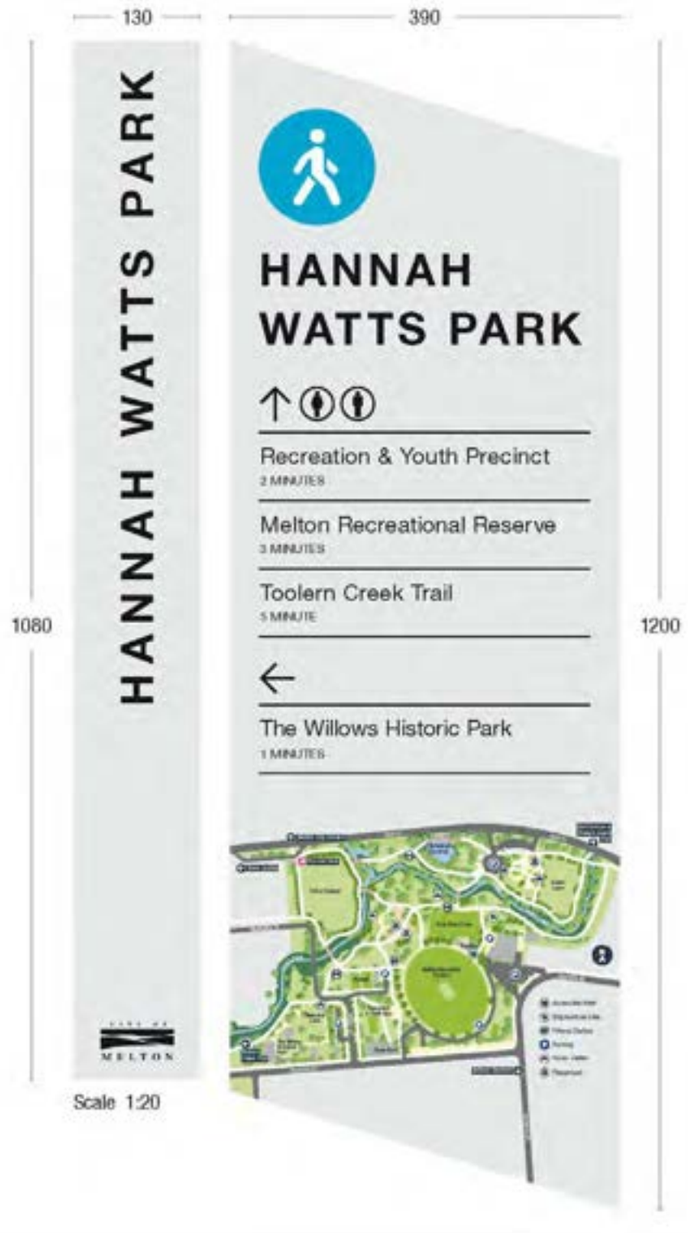


Fig. 21 Draft Wayfinding Sign Map

HANNAH WATTS PARK

SIGNAGE DESIGN

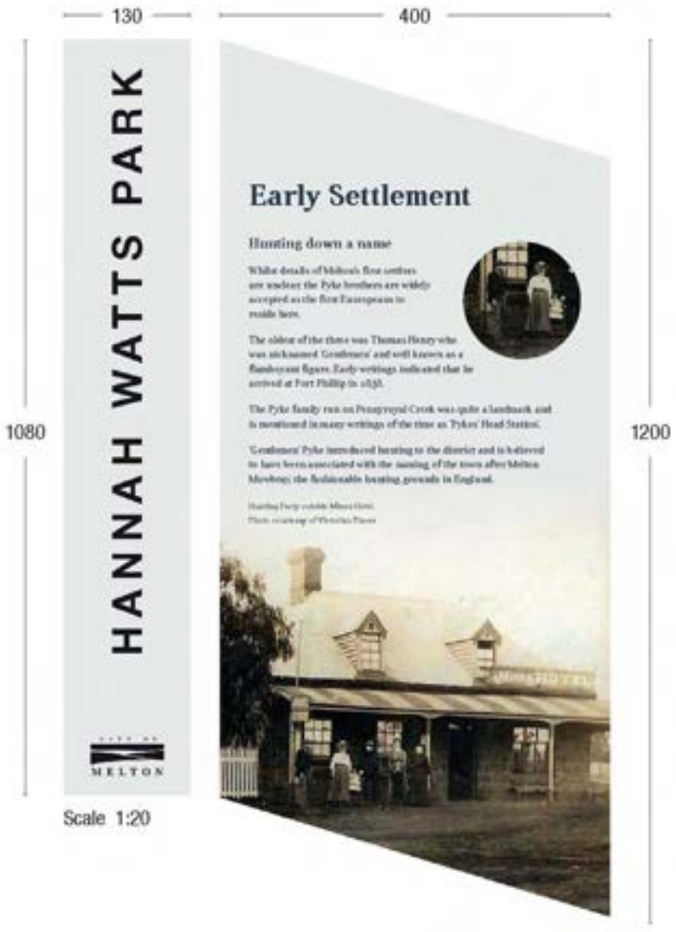
SIGN TYPE A



HANNAH WATTS PARK

SIGNAGE DESIGN

SIGN TYPE B



HANNAH WATTS PARK

SIGNAGE DESIGN

SIGN TYPE C



Scale 1:20

6 MASTER PLAN

The Hannah Watts Park Precinct Master Plan is an overall plan that summarises the proposed works to be implemented within the Hannah Watts Park Precinct. This includes items relating to each of the nine over-arching principles as explored in the previous chapter. Further detail of the proposals is contained in the following section, including detailed plans and information about existing character, user groups, objectives and recommendations is of each of the eight precincts.

Summary of Master Plan Recommendations

Facilities and Amenities

1. New picnic shelter, with furniture and BBQ
2. New playground with nature play
3. Upgrade existing playground
4. New pedestrian lighting (see key)
5. New deck / boardwalk

Landscape and Vegetation

6. Revegetate eroded creek banks & remove weeds clogging waterway
7. Re-introduce water to reservoir
8. New rock swale feature and planting
9. New mounding
10. New landscape terraces

Access, Circulation and Connections

11. New paths
12. New DDA compliant bridge to replace non-compliant path crossing
13. New DDA compliant bridge to replace existing bridge
14. New raised pedestrian crossing

Recreation - Health and Wellbeing

15. New exercise equipment along circuit path
16. Upgrade skate facilities
17. Multi purpose court

Event Infrastructure and Social Amenity

18. Improve appearance of services in grassed areas

Organised Sports and Clubs

19. Re-oriented larger oval
20. Relocated and upgraded netball courts and facilities
21. Sports facilities improvements (see precinct plans)

Buildings

22. New sports pavilion
23. New judges box and bar / kiosk

24. **Traffic, parking and vehicle management**
25. New road alignment
26. Car parking

    Overflow parking

27. **Public Appreciation and Signage**

    New park entry, wayfinding and interpretive signs (see key)


KEY - EXISTING
CONCRETE PAVEMENT
ASPHALT PAVEMENT
WATERBODY
GRASSING
IRRIGATED GRASS - SPORTS
TREE
KEY - PROPOSED
CONCRETE PATH
VEHICULAR PAVEMENT
GRAVEL PAVEMENT
TIMBER BRIDGE / BOARDWALK
GRASSING
IRRIGATED GRASS OVAL SURFACE
OVAL FENCING (PERMANENT)
OVAL FENCING (REMOVABLE)
SIGHT LINE
PEDESTRIAN CROSSING
SHELTER
PICNIC SETTING
SEATING
FITNESS EQUIPMENT
ROCK SWALE LANDSCAPE FEATURE
LANDSCAPE PLANTING
REVEGATATION PLANTING
PROPOSED TREES
SIGN TYPE C - INTERPRETIVE SIGN
SIGN TYPE A - PARK ENTRANCE AND MAP SIGN
SIGN TYPE B - INTERNAL WAYFINDING SIGN
PROPOSED PATH LIGHT
PROPOSED VEHICLUR LIGHT
PROPOSED LIGHT TOWER
PROPOSED NETBALL LIGHT
HIGH ST
POLICE PADDOCK
OLD MELTON RESERVOIR
PICNIC
EVENTS LAWN
TOOLERN CREEK
PLAY
KICK ABOUT LAWN
OVERFLOW PARKING
PAVILION
TERRACES
MELTON RECREATION RESERVE
WICKET
NETBALL
MULTI PURPOSE
SKATE
PRACTICE NETS
FIRE TRACK
OVAL FENCE
THE WILLOWS HISTORICAL PARK
0
25
50 m

7 PRECINCT PLANS

This section includes a detailed precinct by precinct breakdown with a summary of the existing character, user groups, objectives and recommendations and detailed plan for each of the eight precincts. The precincts include:

Summary of Precincts

Precinct 1A - Gateway, Picnic and Playspace (Stage 1 Completion Works)

This precinct includes the high profile eastern section of Hannah Watts Park. A dry stone wall entry feature flanks the main park entry from High Street leading to the car park. Local and regional visitors arrive here to access the picnic area, playground (junior and senior) and grassed events space nestled in a crook of the Toolern Creek.

A new playground and picnic area design was completed in a separate project (Hannah Watts Park Stage 1) that ran concurrently with the development of this master plan. It will replace the existing facilities installed in the 1990's that are now at the end of their life-span. The detail contained in the following section does not include the works from the Stage 1 project, rather it describes additional work to be carried out in Precinct 1/A that was outside the scope of that project.

Precinct 1B - Former Melton Reservoir, Picnic Area and Parkland

The western section of Hannah Watts Park that fronts onto High Street. This area contains the heritage listed Former Melton Reservoir and Coronation Tree (commemorative tree), a picnic area in a naturalistic bush landscape with remnant trees and grassed lawns adjacent the creek.

Precinct 2 - Police Paddock

A bridge crossing leads over the creek from Precinct 1/B to Police Paddock, a large open grassed space that fronts on to High Street and is the point of entry to the park for pedestrians coming from the town centre. The space is utilised for large scale events, overflow parking and casual recreation. The historic Raglan Cottage is located in the North West corner and is used by local artists.

Precinct 3 - Toolern Creek Trail

Toolern Creek forms a serpentine spine that snakes through the centre of the Hannah Watts Park Precinct. The natural creek landscape contains areas of valuable ecology with remnant and planted riparian vegetation, habitat and birds. This landscape forms an appealing backdrop for the adjacent park spaces and connects with the wider regional network of creek-line paths and trails. The precinct includes a number of pedestrian crossing points and the large central playground and picnic area that were installed in the 1990's.

Precinct 4 - Informal Recreation Space

A large open grassed space between Toolern Creek and the Melton Recreation Reserve with a toilet block and an irrigated grassed field used for casual recreation, sports and events. The precinct has open views to surrounds including the back of the Melton Country Club buildings.

Precinct 5 - Melton Recreation Reserve

The reserve includes an oval, pavilion and various football, netball and cricket facilities used by sports clubs. A fire track used by the CFA for training and competitions runs along the Reserve Road frontage. A road entry allows vehicles to enter from Reserve Road and park around the oval and in surrounding gravel and grassed areas. The reserve is bounded by a chain mesh fence along Reserve Road and temporary fencing is installed along the northern boundary to enable ticketing of games.

Precinct 6 - Active Recreation and Youth Precinct

This precinct is located between the Melton Recreation Reserve and Nixon Street and has a number of tall native trees that give it a rural bushland character. It includes the oval entry road, gravel car parking areas, a skate park, a quality netball court, two older netball/tennis courts, a playground and various shelters and furniture.

Precinct 7 - The Willows Historical Park

The Willows Historical Park is separated from the rest of the precinct by Nixon Street and is fenced along all boundaries with entry via the carpark and gate on Nixon Street. The precinct includes the Willows Homestead and various other historical buildings from the settler period arranged around a central lawn.

Precinct 8 - The Melton Country Club and Melton Bowls Club

This precinct includes the Melton Country Club building and carpark which are accessed from Reserve Road and the Melton Bowls Club which shares the carpark. Both of the clubs have their backs turned to the creek landscape and the back of Country Club building is very exposed as the backdrop to the adjacent open parkland. The Bowls Club contains bowling greens and associated facilities and is fenced around the perimeter.


Precinct 1B
Reservoir and Picnic Area
Precinct 1A
Gateway, Picnic and
Playspace
Precinct 2
Police Paddock &
Raglan Cottage
Precinct 3
Toolern Creek Trail
Precinct 4 - Informal
Recreation Space
Precinct 8
The Melton Country Club
Precinct 5
Melton Recreation
Reserve
Precinct 6
Active Recreation &
Youth Precinct
Precinct 7
The Willows Historic
Park

7.1 Precinct 1A - Gateway, Picnic and Playspace (Stage 1 Completion Works)

Note: Playground and Picnic Area improvements to this precinct are currently under construction. The following recommendations include additional items outside the scope of the first stage of works only.

7.1.1 Existing Conditions Summary

Landscape Character

- A high profile open grassed park space with picnic area, playgrounds, stone stage, toilets and irrigated lawn area for local events.
- This precinct is the main entry to Hannah Watts Park and has a dry stone wall entry feature on High Street.
- The High Street frontage has a rustic timber fence and open views to the road.
- Strong natural creek landscape with significant trees and bird life to south and east.

User Groups

- Passing school groups and bus groups.
- Walkers.
- Family groups.
- Local community events including Carols by Candlelight.

Facilities

- A new playspace and picnic area have been designed and construction began in October 2018. Refer appendix.
- Asphalt carpark with forty six car parks and three bus spaces. Carpark requires lighting and line marking upgrades for DDA compliance.
- Existing shared path connection from the north east corner along the creek edge.




Dry stone entry walls


Precinct 1A


Car Park


Creek vegetation




Car Park



7.1.2 Objectives

- Improve site layout to better accommodate various uses and increase safety.
- Improve access and DDA compliance.
- Improve pedestrian connectivity to surrounds (particularly along High St edge).
- Improve functionality of events lawn.
- Reduce visual impact of road on site.
- Enhance visual character of park entry and park frontage along High St.
- Create safer pedestrian connection across the carpark.
- Enhance the connection with the natural creek landscape.
- Improve pedestrian navigation to surrounds and strengthen public awareness of the park history.

7.1.3 Recommendations

1. Install new shared path connection with lighting along northern edge.
2. Install lighting to gravel path to north of picnic shelters.
3. Install new path along the eastern car park edge.
4. Install kerb ramps and a pedestrian crossing to the car park.
5. Provide new planting to the road edge and entry.
6. Extend creek type planting to event lawn edge.
7. Upgrade line-marking to disabled car spaces.
8. Install lighting upgrades to carpark.
9. Provide new name sign to dry stone wall at entry (See Section 5.9 Public Appreciation and Signage).



Fig. 22 Precinct 1A Plan

7.2 Precinct 1B - Former Melton Reservoir, Picnic Area and Parkland

7.2.1 Existing Conditions Summary

Landscape Character

- Sunken naturalistic landscape with river red gums and native vegetation.
- Heritage listed Former Melton Reservoir forms a visible vegetated depression in the centre of the area. This currently does not hold water.
- Sunken topography and trees create a secluded feel to the grassed picnic area west of the reservoir.
- The western area is flatter, more exposed to High Street and includes exotic vegetation, open lawn with a sprayed edge along the creek and the ‘Coronation Tree’.

User Groups

- Picnickers and walkers.

Facilities

- A Picnic area with five picnic settings on isolated brick pavements, drinking fountain, single rubbish bin and shelter on concrete pavement with BBQ.
- A memorial tree (for road victims) with a bench seat.
- The Historic Former Melton Reservoir with heritage listed inlet (not obvious), warning signage, small timber deck, one rustic bench seat.
- The Coronation Tree - Heritage listed tree (Mexican Cypress) commemorating Queen Elizabeth II’s coronation with a plaque and bench seat.
- Concrete shared path connects east to west across the precinct just north of Toolern Creek.


Melton Reservoir



Precinct 1B


High St traffic


Picnic shelter


Road victims memorial


Creek edge maintenance


Exotic creek vegetation


Coronation tree

7.2.2 Objectives

- Improve picnic facilities and accessibility of picnic area for all users.
- Enhance experience of the reservoir both from road and within park and understanding of its historical significance.
- Reduce the visual impact of the road.
- Improve path access to the picnic area, reservoir and to surrounds.
- Improve perceptions of safety in picnic area.
- Improve pedestrian navigation with wayfinding signage.
- Provide opportunities for fitness and exercise.

7.2.3 Recommendations

1. Provide new accessible furniture that is consistent with park furniture palette.
2. Provide new path connection and boardwalk along northern edge of reservoir to enhance the experience along the waters edge.
3. Install new pedestrian lighting to the shared path.
4. Provide DDA path access to the picnic area from the carpark.
5. Provide new planting along northern park boundary to increase separation between road and park (maintain sight lines for passive surveillance).
6. Re-introduce water to reservoir. Re-direct car park storm water to reservoir and top up with recycled water supply from golf course (may require UV filter to achieve Class A water quality and new pump with increased capacity). Further Investigation as to water holding capacity of reservoir required.

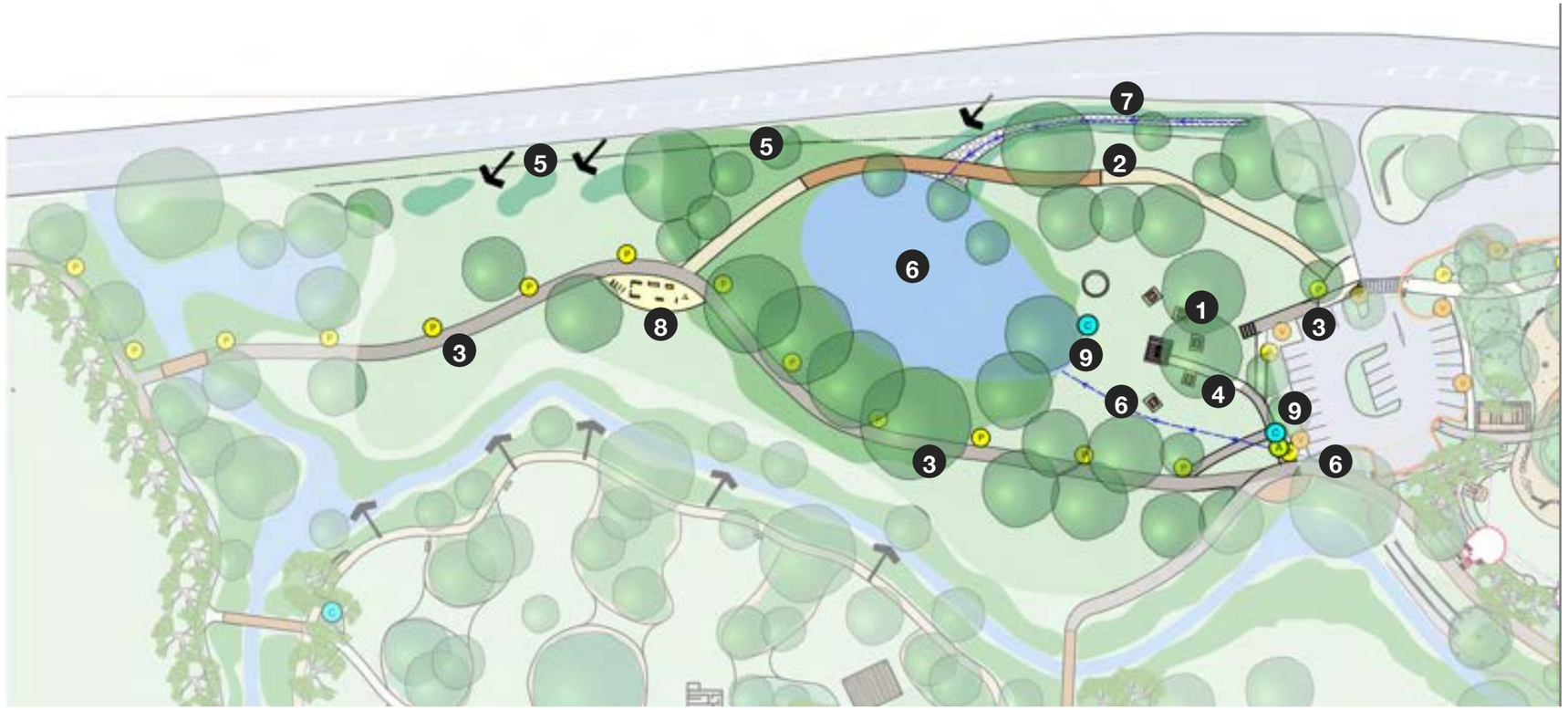


Fig. 23 Precinct 1B Plan

7. Create feature rock swale along road edge to direct road run-of to reservoir. Include bio-filtration planting.
8. Install new exercise equipment station with all ages equipment and drinking fountain.
9. New wayfinding and interpretive signs around low rainfall and reservoir history.

Note: Existing toilet block will be demolished as part of Stage 1A.

7.3 Precinct 2 - Police Paddock

7.3.1 Existing Conditions Summary

Landscape Character

- Open flat grassed paddock with some trees at edges including established native trees along Toolern Creek and near Raglan Cottage creek and recently planted Norfolk Island Pines along the path by Toolern Creek and High Street.
- Police Paddock is separated from the rest of the park precinct by Toolern Creek.
- The western edge abuts the CFA carpark.
- Historic Raglan Cottage sits on exposed north west corner.
- There is a shared path connection along the northern boundary, separated from High Street by a rustic timber fence.

User Groups

- Walkers.
- Djerriwarrh Festival and other large scale events.
- Artists currently occupying Raglan Cottage.
- Over flow parking for festivals and events.
- Lions Club Carnival (leased to the Lions Club until 2023).

Facilities

- Open grassed field.
- Services infrastructure with bollards.
- Concrete walking path along creek.
- Concrete driveway for vehicle entry on corner Nixon and McKenzie Streets.
- A Police Paddock name sign and a Raglan Cottage interpretive sign.
- A shared path along the High St frontage.


Existing services


Precinct 2


Raglan Cottage



Open grassed paddock


Shared path along High St



Interpretive sign


Norfolk Island Pines


View from High St

7.3.2 Objectives

- Retain as a flexible use space that accommodates large scale events, the Lions Club Carnival, festival fireworks and overflow parking.
- Formalise the edges to create better delineation of the space from surrounds.
- Reduce the visual impact of the adjacent carpark and development.
- Improve pedestrian connections, wayfinding and pedestrian safety at night.
- Formalise vehicle entry points.
- Increase shade along boundaries.
- Improve the setting around Raglan Cottage and include dedicated outdoor space.
- Reduce visual impact of services infrastructure in the grassed area.

7.3.3 Recommendations

1. New trees and understory planting along north and west perimeter (maintain view lines for passive surveillance).
2. Strengthen creek type native planting on eastern edge. Replace Norfolk Island Pines with Indigenous species to enhance natural creek landscape.
3. Create private garden space with designated outdoor work area, seating and planting for artists occupying Raglan Cottage.
4. Provide new path connection with pedestrian lighting along western site edge.
5. Review services valves and reduce visual prominence in space.
6. Provide new wayfinding and interpretive signage.



Fig. 24 Precinct 2 Plan

7.4 Precinct 3 - Toolern Creek Trail

7.4.1 Existing Conditions Summary

Landscape Character

- Toolern Creek meanders through the park creating a vegetated informal native spine with trees, riparian vegetation and rocks. The creek is dry in parts with some areas of open water.
- The vegetation condition along the creek varies with areas of strong native character to overgrown areas requiring clean up and weed management and areas of eroded banks.
- A playground, with junior and senior equipment and a maze, and a picnic area are located immediately adjacent the south side of the creek in the centre of the park.
- The heritage listed stone weir (located beneath the Nixon Street crossing) is not easily visible.
- Current maintenance practices have created a distinct line between the creek landscape and it's immediate surrounds.

User Groups

- Picnickers, walkers, families, Friends of Toolern Creek, and vehicular traffic on Nixon Street.

Facilities

- A picnic area with two table settings, a double BBQ, a bin and a large Rotary Rotunda.
- A Playground with junior play area, older years play area, maze and rustic bench seats.
- A concrete shared path connects from the north east (Precinct 1A and 1/B) along creek line to the south west.
- Gravel paths to the playground and picnic area.


Creek Landscape


Precinct 3


Eroded section of bank


Abrupt delineation between creek and park


Play maze


Toolern Creek Bridge


Picnic facilities


Older years playground

7.4.2 Objectives

- Improve play and picnic facilities as well as access for all users.
- Ensure creek crossings are accessible at all times.
- Improve experience of creek landscape and access to creek edge.
- Extend creek landscape into adjacent areas.
- Improve creek health by revegatating with indigenous species.
- Improve visitor understanding of the Toolern Creek environment.
- Improve wayfinding.

7.4.3 Recommendations

1. Prepare a revegetation strategy to improve vegetation along the entire length of the creek within the park precinct. Revegetate eroded banks and action Melbourne Water to remove weeds clogging waterway.
2. New DDA compliant bridge to replace non-compliant path crossing that is currently not passable when creek is flowing.
3. New DDA compliant bridge to replace existing bridges.
4. Provide new path connection from High St, along southern side of creek and across the north of kick-about space.



Fig. 25 Precinct 3 Plan

7.4.4 Recommendations continued

5. New accessible picnic area with new shelter and furniture.
6. New playground with nature play.
7. Existing playground retained with improved landscape surround.
8. Small seating areas close to creek with views to water (low planting only).
9. Improve transparency of play maze.
11. New new bird hide.
12. New creek exploration trail.
13. New Landscaped shady grove.
14. Consider opportunity for rock stepper creek crossing.
15. New creek side terraces and deck (subject to Aboriginal Cultural Heritage approval).
16. Provide indigenous amenity under-planting to extend creek landscape into picnic and play areas.
17. Provide new exercise equipment along circuit path.
18. New park suite wayfinding and Interpretive signage.



Fig. 26 Precinct 3 Detailed Plan

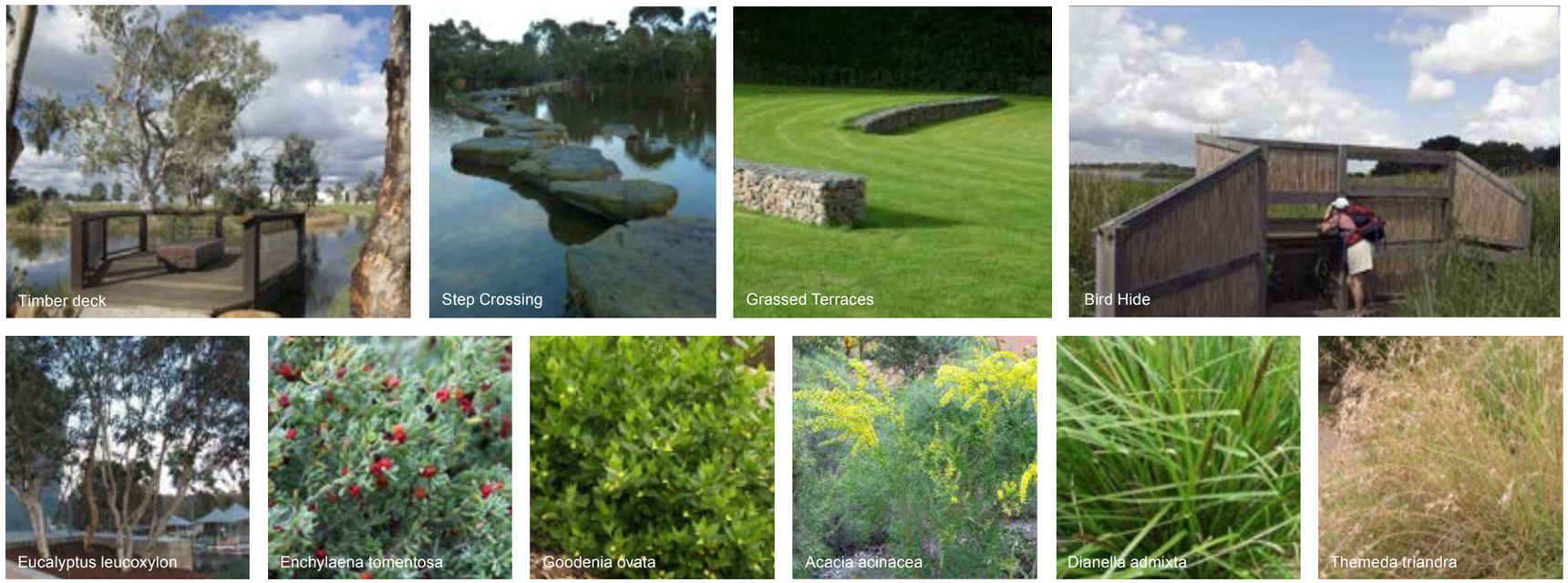


Fig. 28 Example of landscape elements

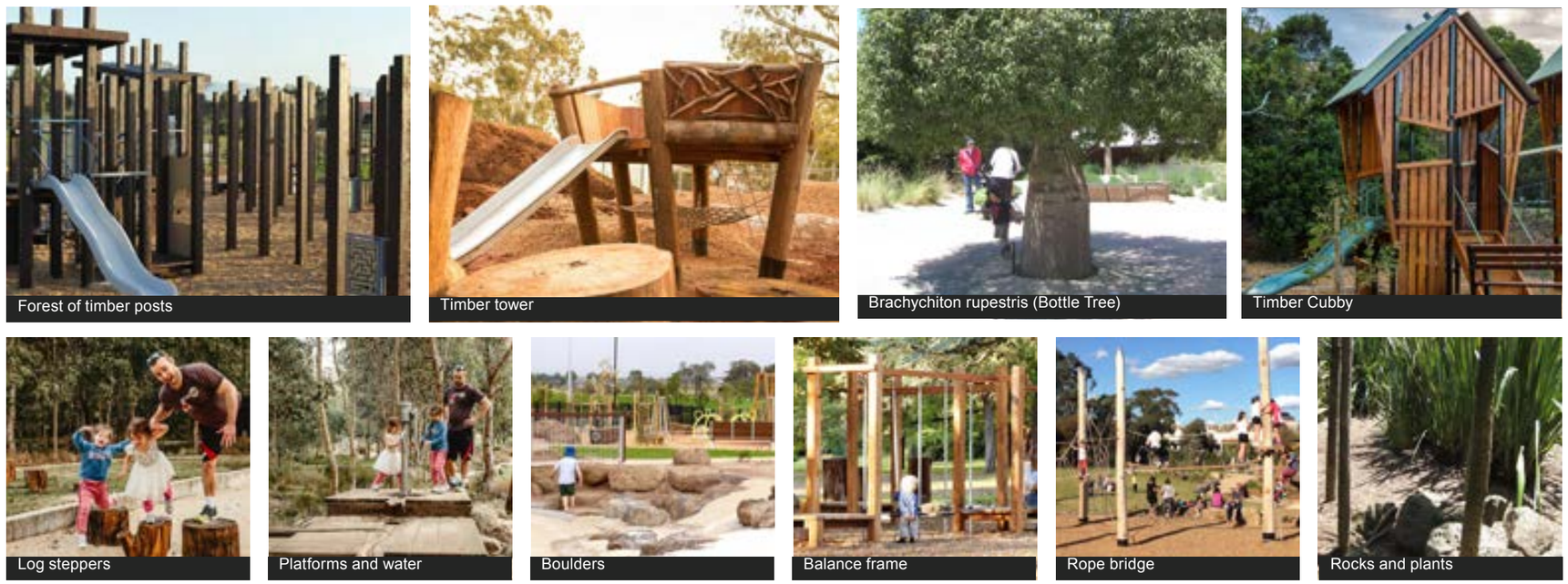


Fig. 27 Examples of play elements

7.5 Precinct 4 - Informal Recreation Space

7.5.1 Existing Conditions Summary

Landscape Character

- Large flat open grassed ‘kick-about’ space in the centre of the park .
- Minimal vegetation and lack of definition to spaces.
- Open views to surrounds including the back of Melton Country Club.
- Boundary to sports pavilion and oval includes some screen planting and a few large exotic and native trees.

User Groups

- Walkers, casual sports, organised sports training, Djerriwarrh Festival.

Facilities

- Open irrigated grassed field.
- Services infrastructure in lawn area.
- A toilet block.


Grassed playing field


Precinct 4


Existing significant tree


Toilet block


View to back of Melton Country Club


Services infrastructure


Shared Path


View to oval

7.5.2 Objectives

- Retain kick-about lawn for casual recreation and organised sports training.
- Continue to provide for events and provide on site power where feasible.
- Lessen visual impact of Melton Country Club on site.
- Increase shade.
- Improve path connections.
- Consolidate and formalise overflow parking at northern side of Country Club.
- Reduce visual impact of services infrastructure in grassed area.
- Improve appearance, access and perceptions of safety at toilet block.

7.5.3 Recommendations

1. Maintain irrigated lawn area / kick about space for organised sports training and casual recreation.
2. Investigate feasibility of providing power to events lawn (refer Electrical Services Report in appendix).
3. Provide planting to eastern perimeter to screen the western side of the Country Club.
4. Provide three new north-south path connections.
5. Create informal parking to the north of the Melton Bowls Club on a grassed area, defining and controlling the space with planting, low post and rail fencing, bollards or a combination of these elements.
6. Review services infrastructure and opportunities to reduce its prominence in the space (eg. remove fenced enclosures and install pit lids or conceal with planting).
7. Upgrade toilet block with CPTED design principles to increase safety, accessibility and its presentation standard, using the designated materials and finishes palette shown in 5.1. Improve planting around the toilet block without impeding on site lines or access.
8. Investigate the feasibility of lighting installation to the kick about space including an assessment of the potential impacts to ecological health of the site.



Fig. 29 Precinct 4 Plan

7.6 Precinct 5 - Melton Recreation Reserve

7.6.1 Existing Conditions Summary

Landscape Character

- A fenced community oval used for organised sports and events.
- The landscape surrounding the oval is flat with open views and scattered native trees.
- The sports pavilion in the north west corner backs onto parkland and is surrounded by gravel car parking.
- The entire circumference of the oval is vehicle accessible via gravel.
- Cricket practice wickets are located across the oval from the car parking and pavilion.
- The Reserve Road frontage is fenced (chain mesh) and an asphalt paved CFA fire track (used for training and competitions) runs along the inside edge of the fence.
- The asphalt entry road from Reserve Road leads to a gravel car park behind the pavilion.

User Groups

- Melton South Junior Football Club (football & netball).
- Melton South Football Club (football & netball).
- Melton South Cricket Club.
- Melton Country Fire Authority (CFA).

Facilities

- A sports pavilion with male only change facilities.
- A grassed east-west oval (150m long) with a hard wicket.
- A score board.
- Two shelters with bench seats.
- Two cricket practice pitches.
- A CFA fire track with viewing tower.
- Bench seats and bins, mainly around pavilion.
- Portable public toilets.
- Temporary fencing to northern perimeter to restrict access during games.
- Gravel parking that accommodates crowds of approx. 500-1000 people.

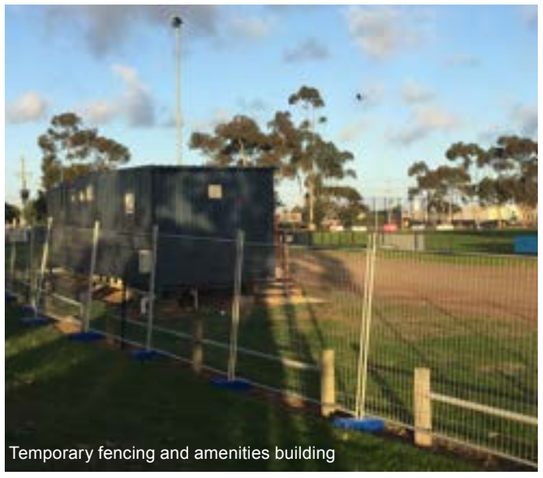

Access gates


Precinct 5


Gravel entry


Pavillion


View to back of Pavillion


Temporary fencing and amenities building


CFA fire track


Cricket practice nets

7.6.2 Objectives

- Provide a new pavilion that accommodates all users.
- Improve sports facilities for clubs as required (eg. practice nets, change rooms to be usable for all genders & ages, enlarge oval etc).
- Improve shade and amenity for viewers
- Better integrate oval within park landscape and improve connections to surrounding facilities.
- Rationalise vehicular access and parking to maximise efficient use of space and to improve pedestrian safety (especially at entry road near playground).
- Improve safe pedestrian connections.
- Improve frontage to Reserve Road.

7.6.3 Recommendations

1. Provide a new pavilion with improved change rooms that accommodate all genders and ages, storage, and improved kitchen with separate bar and food serving areas.
2. Re-align oval and increase size of playing surface (approximately 15m). See Section 5.6.4 for alternative oval option.
3. Provide new practice net, maintenance shed and associated power for cricket.
4. Re-align entry road and consolidate parking to improve amenity and safety.
5. Formalise entry and exit points and upgrade fencing.
6. Provide new furniture (seats, bins etc) to oval surround consistent with park furniture palette.
7. New trees and planting.
8. Review lighting requirements and consider option to relocate existing floodlight towers. Add globes to floodlight towers to light CFA track and cricket practice nets.
9. New viewing terraces.
10. New outdoor deck to north of pavilion.
11. Install sleeved for removable fencing to northern edge of oval.
12. Re-locate existing goal backdrop netting, light tower poles and other existing elements where possible.
13. Provide new CFA judges box (approx footprint 4x8m) with bar/kiosk below.
14. Line-marking to 20.5m long marshall's track.
15. New low barrier fence to CFA track.
16. New pedestrian paths.
17. Existing redgum to be removed - subject to assessment of significance.

Note: This plan is subject to changes during detailed design to ensure that functional requirements of the sports and associated clubs are met.



Fig. 30 Precinct 5 Plan

7.7 Precinct 6 - Active Recreation and Youth Precinct

7.7.1 Existing Conditions Summary

Landscape Character

- An informal bushland feel with active facilities scattered through out including skate park, netball and tennis courts, playground, and shelters.
- The vegetation includes large Eucalypts scattered across the site and areas of grassing.
- Gravel car parking zones and roadways are separated from other areas with post and rail fencing.
- A rustic timber fence runs along the Reserve Road frontage and Nixon Street.
- There is a recent planting of Queensland Bottle Tree (Brachychiton rupestris) on west side of Nixon Street.

User Groups

- Skaters, netballers, tennis players, families with children, general park users parking, walkers.

Facilities

- A skate park with concrete skate elements and half pipe, a shelter with picnic table, two bins, two seats and a graffiti wall.
- A tennis court.
- Two netball courts.
- A shelter.
- Two seats.
- A bin.
- A large gravel carpark.
- A Playground.


Tennis Court


Netball Court


Precinct 6


Skate bowl


Half Pipe


Shelter


Car park


Playground

7.7.2 Objectives

- Upgrade the shelters and furniture.
- Improve the netball facilities.
- Improve the skate facility and youth area and replace the out dated half pipe.
- Improve the Reserve Road frontage.
- Increase shade and improve amenity with planting.
- Improve pedestrian connections.
- Consolidate parking and roads to minimise footprint and improve safety.
- Improve wayfinding.

7.7.3 Recommendations

1. Provide new entry to netball courts from Nixon St and formalise parking.
2. Relocate netball courts further north away from skate area to resolve ongoing conflicts.
3. Remove existing old tennis courts.
4. Retain and upgrade playground and landscape to better integrate with surrounds.
5. Convert existing netball court to multi-use courts (basketball, handball, graffiti wall etc) adjacent skate area.
6. Develop skate strategy that provides direction around replacement of half pipe.
7. Provide new netball lighting to new courts.
8. Provide new shelters and furniture consistent with park furniture suite.
9. Provide new path connections along Reserve Road frontage, along Nixon Street and around netball courts.
10. Provide new park suite signage.
11. Provide new exercise equipment along circuit path.
12. Relocate mid-term change facility next to netball courts.
13. New raised crossing over Nixon Street.
14. Facilitate street art to foster a sense of ownership over skate park. Review maintenance regimes for graffiti clean-up and reduce unnecessary clean-up of artwork in skate area.
15. Formalise parking along Nixon Street. Provide gravel bays with edging and tree planting to clearly define the parking area.



7.8 Precinct 7 - The Willows Historical Park

7.8.1 Existing Conditions Summary

Landscape Character

- A fenced heritage site with a central grassed lawn, numerous heritage items, and a number of buildings including The Willows Historical Homestead, Men's Shed, and Dunvegan Cottage.
- A large open carpark at the front of the site on Nixon Street.
- Native trees around boundary and Australian native garden on western edge adjacent creek.
- Non heritage elements include the picnic shelter and furniture, fencing and signage.

User Groups

- Mens Shed
- Melton Historical Society
- Dunvegan Cottage Users
- Vietnam Veterans
- Harmony Day

Facilities

- Informal, fenced gravel carpark.
- Shared trail connection outside fence along creek to north west.
- A Picnic shelter.
- A double BBQ.
- Two double picnic tables.
- Eight internal seats.
- Two seats at entrance.
- Multiple buildings - refer Section 5.7.


Car park


Entrance from car park


Precinct 7


Picnic facilities


Willows homestead, Mens Shed and well


Existing steel picket fence


Native garden


Lawn


Corner Reserve Rd and Nixon St

7.8.2 Objectives

- Better integrate with the park to the north and improve access for general park users.
- Improve Reserve Road and Nixon Street frontages.
- Improve appearance of carpark & formalise vehicle entry along Nixon St & Reserve Road.
- Improve path connections.
- Improve appearance of fences and ensure all entry gates are open for daytime access. Fencing should not impede on the relationship between The Willows Historical Park and the broader park, or the community's ability to access the area as public open space.

7.8.3 Recommendations

1. Provide a new pedestrian path along the Reserve Road frontage.
2. Provide new pedestrian path along Nixon Street.
3. Create a planted buffer between the carpark and road to soften the appearance of the carpark and enhance the sense of entry to the park.
4. Formalise and seal entry road on axis of driveway and formalise parking area with gravel car parks, edging and planting.
5. Ensure pedestrian gate to north is unlocked and open during day.
6. Undertake a review of the fencing requirements of the site and security issues and develop an appropriate location, application and presentation that integrates well with both The Willows Historical Park and the broader Hannah Watts Park Precinct.
7. Seal the well and remove fencing from surround.
8. Undertake structural review of Historic Machinery Shed, Barn and Dairy and carry out repairs as necessary.
9. Provide new wayfinding & interpretive signage.
10. Make furniture and associated park infrastructure either true to the relevant historical period or complementary in a contemporary fashion.



7.9 Precinct 8 - The Melton Country Club and Bowls Club

7.9.1 Existing Conditions Summary

Landscape Character

- The Melton Country Club includes a building, carpark and lawn bowls club that face onto Reserve Road and are not well integrated with the surrounding park landscape.
- The western and northern sides of the buildings and carpark are visually prominent from inside the park and currently detract from the park experience.

User Groups

- Football Club members.
- General public for dining and entertainment.
- Melton Bowling Club.
- The Melton Country Club is a business of the Essendon Football Club, who lease the building from Council. The lease boundary currently extends across the gravel car park to the west and into the irrigated kick about space.

Facilities

- Large asphalt car parking in front of building on Reserve Road.
- Large signage on Reserve Road.
- Gravel carpark at rear of building facing onto park.
- Melton Bowling Club.



Melton Country Club


Front Car park


Precinct 8


Melton Bowls Club


Park interface - back of Country Club

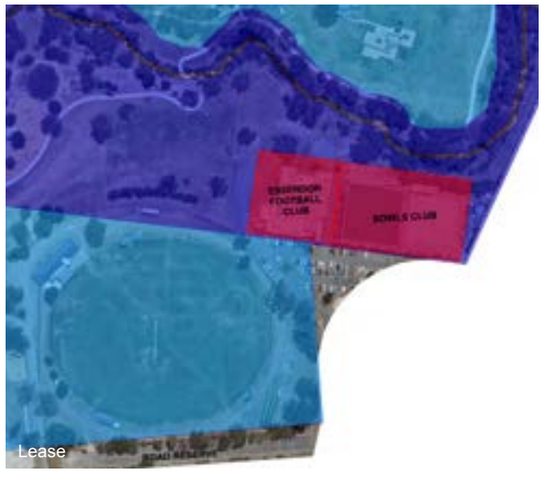
Ownership boundaries

- Lease
- Melton City Council
- State


Back of Bowls Club



Signage


Lease

7.9.2 Objectives

- Consolidate parking for the Country Club and the Bowls Club.
- Reduce the visual impact of the back of buildings on the park and improve views from the park.
- Improve sense of safety where the carpark behind the buildings meets the park.
- Provide opportunities for Country Club and Bowls Club users to connect with the creek landscape.

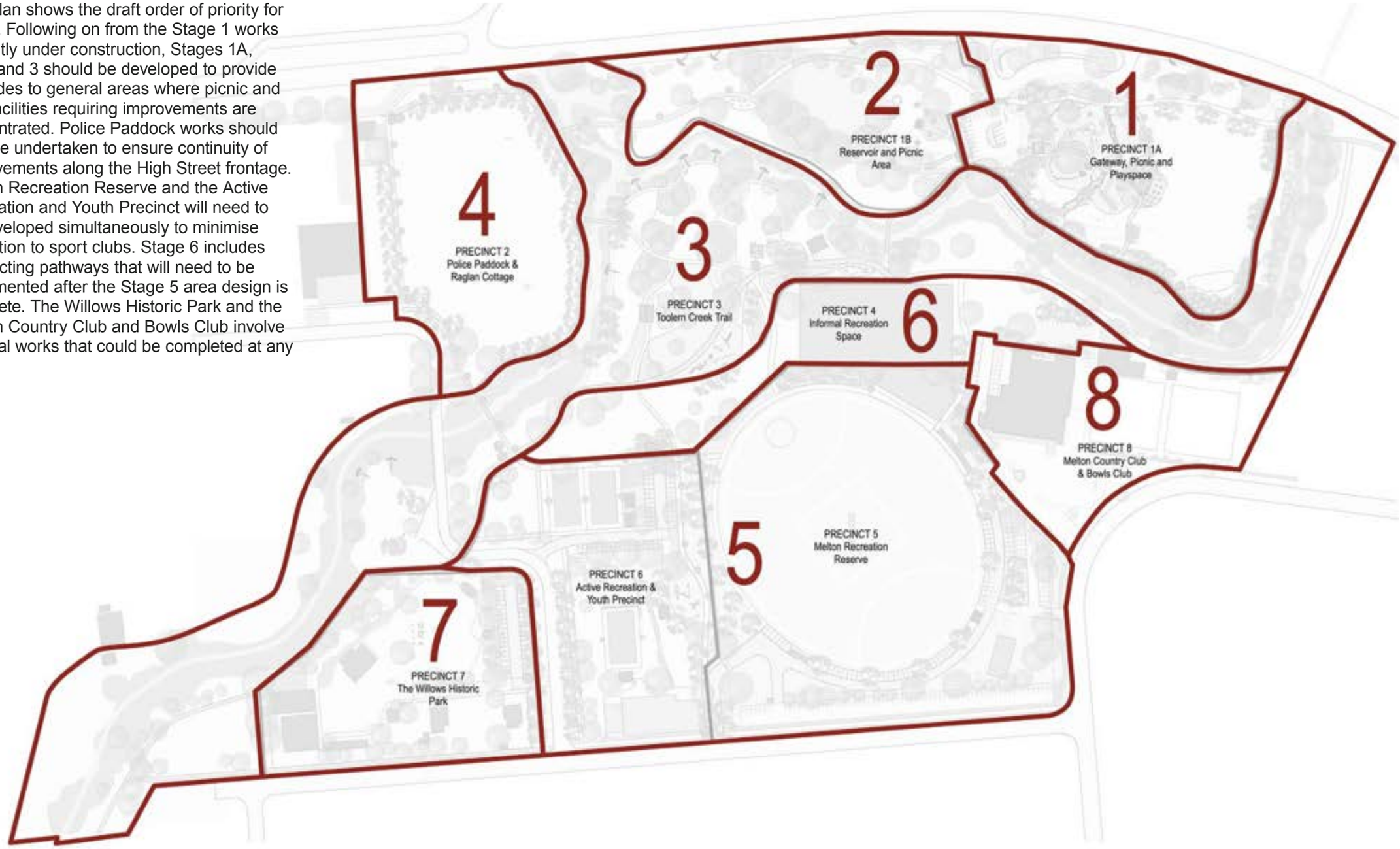
7.9.3 Recommendations

1. Formalise the carpark at the back of the building and incorporate trees and planting to soften and screen views of the building from recreational area.
2. Extend shared parking between the buildings the full length of the bowls club to include five new parking spaces.
3. Improve lighting to parking areas to increase safety.
4. Explore opportunities for outdoor areas (eg.decks) on creek side of buildings.
5. Infill gaps in planting on the creek side of the Bowls Club to create a visual screen.
6. Re-negotiate Country Club lease boundary to minimise incursion on parkland.



8 STAGING PLAN

This plan shows the draft order of priority for works. Following on from the Stage 1 works currently under construction, Stages 1A, 1B, 2 and 3 should be developed to provide upgrades to general areas where picnic and play facilities requiring improvements are concentrated. Police Paddock works should then be undertaken to ensure continuity of improvements along the High Street frontage. Melton Recreation Reserve and the Active Recreation and Youth Precinct will need to be developed simultaneously to minimise disruption to sport clubs. Stage 6 includes connecting pathways that will need to be implemented after the Stage 5 area design is complete. The Willows Historic Park and the Melton Country Club and Bowls Club involve minimal works that could be completed at any time.



9 IMPLEMENTATION PLAN

Development & Construction Implementation

Item No.	Recommendation	Precinct 1/A	Precinct 1/B	Precinct 2	Precinct 3	Precinct 4	Precinct 5	Precinct 6	Precinct 7	Precinct 8	Subtotal All Precincts
1.0	**Facilities and Amenities**										
	Includes upgrades to picnic facilities and furniture (incl shelters & associated paving, bird hide and miscellaneous furniture), New play elements and existing playground upgrades,lighting to pedestrian paths and associated services upgrades.										
	Subtotal Facilities and Amenities	**$70,000**	**$132,000**	**$135,000**	**$892,120**	**$21,000**	**$603,000**	**$677,000**	**$195,900**	**$42,000**	**$2,768,020**
2.0	**Landscape & Vegetation**										
	Includes creek restoration and revegetation planting, landscape amenity planting, new trees, reservoir upgrades, terracing, mounding, decks, and grassing.										
	Subtotal Landscape and Vegetation	**$81,650**	**$320,412**	**$82,411**	**$2,014,240**	**$43,940**	**$904,020**	**$720,260**	**$93,620**	**$62,750**	**$4,323,303**
3.0	**Access, Circulation and Connections**										
	Includes all new paths, bridges, and reservoir boardwalk										
	Subtotal Access, Circulation and Connections	**$72,900**	**$362,580**	**$57,600**	**$471,060**	**$74,200**	**$252,750**	**$210,770**	**$80,750**	**-**	**$1,582,610**
4.0	**Recreation - Health and Wellbeing**										
	Includes new exercise stations including surfacing, equipment and drinking fountains and skate upgrades										
	Subtotal Recreation - Health and Wellbeing	**-**	**$47,250**	**-**	**$49,350**	**-**	**-**	**$399,100**	**-**	**-**	**$495,700**
5.0	**Organised Sports and Clubs**										
	Includes oval re-alignment and re-size including resurfacing, irrigation and lighting, new cricket practice net and maintenance shed, upgrade lighting oval towers, CFA fire track upgrades (barrier fence and linemarking), new fencing, old tennis court removal, new netball courts with lighting, and multi purpose court.										
	Subtotal Organised Sports and Clubs	-	-	-	-	-	**$2,598,245**	**$743,520**	-	-	**$3,341,765**
6.0	**Buildings**										
	Recreation Reserve toilets upgrade, new fire tower and kiosk/bar, Tennis shed removal, upgrades to Machinery Shed, Barn and Dairy (at the Willows) and Bowls club landscape interface upgrade										
	Subtotal Buildings	**-**	**-**	**$100,800**	**-**	**$80,000**	**$2,530,000**	**$110,000**	**$50,000**	**$500,000**	**$3,370,800**
7.0	**Traffic, Parking and Vehicle Management**										
	Includes parking and overflow parking upgrades, new roads and road re-alignments, linemarking and pedestrian crossings, and lighting to carparks.										
	Subtotal Traffic, Parking and Vehicle Management	**$88,500.00**	**-**	**-**	**-**	**$64,200**	**$604,900.00**	**$257,575**	**$140,110**	**$143,450**	**$1,298,735**
8.0	**Public Appreciation and Signage**										
	Park signage including entry signs, interpretation and wayfinding										
	Subtotal Public Appreciation and Signage	**$60,000**	**$60,000**	**$60,000**	**$60,000**	**-**	**$20,000**	**$20,000**	**$40,000**	**-**	**$320,000**
9.0	**On Costs**										
	Includes preliminaries, site preparation and clean up, design variables, cost escalations to tender and during construction, contingecies, professional fees, and authorities costs.										
	Subtotal On Costs	**$120,000**	**$448,000**	**$230,000**	**$1,855,000**	**$139,000**	**$3,844,000**	**$1,376,000**	**$400,000**	**$329,000**	**$8,741,000**
	Totals	**$493,050**	**$1,370,242**	**$665,811**	**$5,341,770**	**$422,340**	**$11,356,915**	**$4,514,225**	**$1,000,380**	**$1,077,200**	**$26,241,933**
	Anticipated Project Cost (excluding GST)										**$26,241,933**

Hannah Watts Park Precinct - Master Plan Appendices

1.1 APPENDIX 01 - ARBORICULTURAL ASSESSMENT & REPORT

1.2 APPENDIX 02 - ECOLOGICAL ASSESSMENT

1.3 APPENDIX 03 - SPORTS CLUB CONSULTATION & PAVILION REQUIREMENTS

1.4 APPENDIX 04 - COMMUNITY ENGAGEMENT REPORT

1.5 APPENDIX 05 - COMMUNITY FEEDBACK REPORT

1.6 APPENDIX 06 - PRECINCT 01 PLAYGROUND & PICNIC SPACE PLAN

1.7 APPENDIX 07 - EVENTS INDICATIVE LAYOUT PLANS

1.8 APPENDIX 08 - ELECTRICAL SERVICES REPORT

urban initiatives

CITY OF MELTON

1.1 APPENDIX 01 - ARBORICULTURAL ASSESSMENT & REPORT

ARBORICULTURAL ASSESSMENT & REPORT

Hannah Watts Park, Melton - EV Trees

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Tree Descriptors - Version 9 (April 2018)

The typical assessment of tree evaluates the factors of health and structure. The descriptors of health and structure attributed to a tree evaluate the individual specimen as compared to what could be considered typical for that species growing in its location. The two factors are completely separate and it is possible to have a tree in good health with very poor structure or, conversely, a tree in very poor health with good structure. These two factors should be used a guide to the overall picture of the tree condition at the time of inspection.

Tree No:

A unique identifier, normally a number and often associated with a plan or map reference and used to identify an individual tree or tree group.

Species:

Provides botanical name, (genus, species, variety and cultivar) according to accepted international codes of taxonomic classification.

Common Name:

Provide the most well-known non-scientific name by which the tree is generally known.

DBH (trunk diameter, measured at 1.4m from ground):

Indicates the trunk diameter (expressed in centimetres) of an individual tree measured at 1.4m above the existing ground level. Plants with a multi-stemmed habit may be measured below the 1.4m or at the tree base. DBH measurements are usually undertaken with foresters diameter tape or builders tape.

Dbh in the tree data followed by an ***** are where the dbh has been estimated due to not having access to the tree (usually neighbouring properties).

Basal Diameter (bd) is measured to calculate the Structural Root Zone (SRZ) as required in AS-4970. Bd in the tree data followed by an ***** are where the dbh has been estimated due to not having access to the tree (usually neighbouring properties)

H x W (Height x Width or Canopy Spread):

Indicates the height and width of the individual tree; dimensions are expressed in metres. Height is measured with a clinometer/heightmeter where possible. Tree heights may be estimated in line with previous clinometer readings in conjunction with author's experience. Crown widths are generally paced (estimated) at the widest axis or averaged.

Tree Type:

Describes the general geographic origin of the species and its type (e.g. deciduous or evergreen).

Category	Description
Indigenous	Occurs naturally in the area or region of the subject site
Victorian native	Occurs naturally within some part of the State of Victoria (not exclusively) but is not indigenous
Australian native	Occurs naturally within Australia but is not a Victorian native or indigenous
Exotic deciduous	Occurs outside of Australia and typically sheds its leaves during winter
Exotic evergreen	Occurs outside of Australia and typically holds its leaves all year round
Exotic conifer	Occurs outside of Australia and is classified as a gymnosperm
Native conifer	Occurs naturally within Australia and is classified as a gymnosperm
Palm	Woody monocotyledon

Age:

Relates to the physiological stage of the tree's life cycle.

Category	Description
Young	Sapling tree and/or recently planted
Semi-mature	Tree rapidly increasing in size and yet to achieve expected size in situation
Maturing	Specimen approaching expected size in situation, with reduced incremental growth
Senescent	Tree is over-mature and in decline
Dead	Tree is dead

Health:

Assesses a range of attributes to describe the overall health of the tree.

Category	Growth Indicators	Decline symptoms/ Deadwood	Foliage density, colour, size, intactness	Pests and/or disease
Good	Above typical	None or minimal	Better than typical	None or minimal
Fair	Typical	Typical or expected	Typical	Typical, within damage thresholds
Fair to Poor	Below typical	More than typical	Exhibiting deficiencies	Exceeds damage thresholds
Poor	Minimal	Excessive and large amount/size	Exhibiting severe deficiencies	Extreme and contributing to decline
Dead	N/A	N/A	N/A	N/A

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Structure:

Assesses principal components of tree structure.

Descriptor	Root plate & lower stem	Trunk	Primary branch support	Outer crown and roots	Lean from vertical
Good	No damage, disease or decay; obvious basal flare / stable in ground	No damage, disease or decay; well tapered	Well formed, attached, spaced and tapered	No damage, disease, decay or structural defect	Low or none
Fair	Minor damage or decay	Minor damage or decay	Typically formed, attached, spaced and tapered	Minor damage, disease or decay; minor branch end-weight or over-extension	Minor / natural
Poor	Moderate damage or decay; minimal basal flare	Moderate damage or decay; approaching recognised thresholds	Weak, decayed or with acute branch attachments; previous branch failure evidence	Moderate damage, disease or decay; moderate branch end-weight or over-extension	Moderate
Very Poor	Major damage, disease or decay; fungal fruiting bodies present	Major damage, disease or decay; exceeds recognised thresholds; fungal fruiting bodies present	Decayed, cavities or has acute branch attachments with included bark; excessive compression flaring; failure likely	Major damage, disease or decay; fungal fruiting bodies present; major branch end-weight or over-extension	Acute
Hazardous	Excessive damage, disease or decay; unstable / loose in ground; failure probable	Excessive damage, disease or decay; cavities	Decayed, cavities or branch attachments with active split; failure imminent	Excessive damage, disease or decay; excessive branch end-weight or over-extension	Excessive – root plate failure or stem failure probable

The lowest or worst descriptor assigned to the tree in any column is generally the overall rating assigned to the tree. The assessment for structure is limited to observations of external and above ground tree parts. It does not include any exploratory assessment of underground or internal tree parts unless this is requested as part of the investigation.

Trees are assessed and the given a rating for a point in time. Generally, trees with a poor or very poor structure are beyond the benefit of practical arboricultural treatments. The management of trees in the urban environment requires appropriate arboricultural input and consideration of risk.

Arboricultural / Retention Value Rating:

Relates to the combination of previous tree rating factors, including health, structure and form (arboricultural merit), and also conveys an amenity value. This rating relates to the trees biological, functional and aesthetic characteristics within an urban landscape context.

Category	Description
Significant	Tree of better than high quality and will be an outstanding example of the species due to factors such as age, size, outstanding example, rare in cultivation, etc. Retention of these trees should be a priority for the site.
High	Tree of high quality in good to fair condition. Generally a prominent arboricultural feature. Tree is capable of tolerating changes in its environment. These trees have the potential to be a medium to long-term component of the landscape if managed appropriately. Retention of these trees is highly desirable.
Moderate	Tree of moderate quality, in fair or better condition. Generally contributes to the landscape. Tree may have a condition, and or structural problem that will respond to arboricultural treatment. Tree is capable of tolerating changes in its environment. These trees have the potential to be a medium to long-term component of the landscape if managed appropriately. Retention of these trees is generally desirable.
Low	Tree of low quality and/or little amenity value. Tree in poor health and/or with poor structure. Tree unlikely to respond positively to changes in its environment and does not warrant design modification to preserve it. Tree may be beyond the benefit of practical arboricultural treatments. Tree is not significant for its size and/or young. These trees are easily replaceable. Tree (species) is functionally inappropriate to specific location and would be expected to be problematic if retained. Retention of such trees may be considered if not requiring a disproportionate expenditure of resources for a tree in its condition and location.
None	Tree has a severe structural defect and/or health problem that cannot be sustained with practical arboricultural techniques and the loss of tree would be expected in the short term. Tree whose retention would be impractical after the removal of adjacent trees (includes trees that have developed in close spaced groups and would not be expected to acclimatise to severe alterations to surrounding environment – removal of adjacent shelter trees) Tree has a detrimental effect on the environment, for example, the tree is a woody weed. These trees should be removed on the basis of sound arboricultural management.

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Useful Life Expectancy

Assessment of useful life expectancy provides an indication of health and tree appropriateness and involves an estimate of how long a tree is likely to remain in the landscape based on species, stage of life (cycle), health, amenity, environmental services contribution, conflicts with adjacent infrastructure and risk to the community.

The assessment is based on the site conditions not being significantly altered and that any prescribed maintenance works are carried out (site conditions are presumed to remain relatively constant and the tree would be maintained under scheduled maintenance programs).

ULE Rating	Description
< 1 year	Tree may be dead or mostly dead. Tree may exhibit major structural faults. Tree may be an imminent failure hazard. Excessive infrastructure damage with high risk potential that cannot be remedied.
1 - 5 years	Tree is exhibiting severe chronic decline. Crown is likely to be less than 50% typical density. Crown may be mostly epicormic growth. Dieback of large limbs is common (large deadwood may have been pruned out). Over-mature and senescing. Infrastructure conflicts with heightened risk potential. Tree has outgrown site constraints.
6 - 10 years	Tree is exhibiting chronic decline. Crown density will be less than typical and epicormic growth is likely to present. The crown may still be mostly entire, but some dieback is likely to be evident. Dieback may include large limbs. Over-mature and senescing or early decline symptoms in short-lived species. Early infrastructure conflicts with potential to increase regardless of management inputs.
10-25 years	Trees displaying normal growth characteristics. Tree may be growing in restricted environment (e.g. streetscapes) or may be in late maturity.
25+ years	Generally juvenile and semi-mature trees exhibiting normal growth characteristics in parks or open space. Could also be maturing, long-lived trees. Tree well suited to the site with negligible potential for infrastructure conflicts.

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Standards Australia (2009) Australian Standard AS 4970-2009 Protection of trees on development sites.

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Arboricultural Assessment & Report

Hannah Watts Park, Melton - EV Trees

Introduction

Glenn Waters has been engaged to undertake an inspection and report for the trees identified by the Practical Ecology EV Plans at Hannah Watts Park, Melton.

This report will provide comment on the individual site, neighbouring property and street trees in question and provide advice regarding the species, condition and suitability for retention of the existing site trees and also provide advice regarding the future management of the trees.

Objectives

- To inspect the existing trees identified by the Practical Ecology EV Plans site at Hannah Watts Park, Melton.
- To collect data on the individual site trees and provide a tree number plan that correspond to the report tree data.
- To provide an arboricultural report that provides advice and solutions for the future management of the site trees (as required).

Observations

Practical Ecology has assessed trees within the great reserve area and produced a plan of the trees with ecological value (EV). These trees have all be assessed and numbered and data collected. This inspection and assessment captured data on fifty-five (55) individual trees.

This EV plan only focused on a small number of tree species. This included River Red Gum *(Eucalyptus camaldulensis)*, Sugar Gum *(Eucalyptus cladocalyx)* Yellow Box (*Eucalyptus melliodora)* and Spotted Gum *(Corymbia maculata)*. This includes 9 trees rates as having 'Significant' arboricultural/retention value and 12 trees rates as having 'High' arboricultural/ retention value. It also included 4 large standing dead trees that have been reduced back to the main infrastructure.

Al assessed trees (other than the dead trees) have been apportioned Tree Protection Zone (TPZ) distances as per the Australian Standard AS 4970-2009 Protection of trees on development sites which defines a TPZ as being the trunk diameter of the tree multiplied by a factor of 12. (eg: a 30cm dbh X 12 = 3.6m radius TPZ).

Discussion

General Tree Retention Discussion:

The Australian Standard AS 4970-2009 Protection of trees on development sites has been used to calculate the TPZ for the subject site and neighbouring property trees.

The TPZ is calculated based on trunk (stem) diameter (DBH), measured at approximately 1.4 metres up from ground level. The radius of the TPZ is calculated by multiplying the trees DBH by 12. The method provides a TPZ that addresses both the stability and growing requirements of a tree. TPZ distances are measured as a radius from the centre of the trunk at (or near) ground level.

Encroachment into the TPZ is permissible under certain circumstances though is dependent on both site conditions and tree characteristics. Minor encroachment, up to 10% of the TPZ, is generally permissible provided encroachment is compensated for by recruitment of an equal area contiguous with the TPZ.

With a site such as this, it is important to understand that tree root growth is opportunistic and occurs where the essentials to life (primarily air and water) are present. Heterogeneous soil conditions, existing barriers, hard paved surfaces, roads and buildings may have inhibited the development of a symmetrically radiating root system and this may impact on the size and shape of a TPZ. Existing infrastructure around some trees may be within the TPZ or root plate radius and this may affect how roots are located and it is likely that the roots of individual trees may have grown in response to the site conditions and therefore 'normal' tree protection zone calculations may need to be modified to allow for such anomalies.

Appendix 1 lists the standard tree protection works that should be considered as part of the management of trees to be retained during development and these works should be seen as a minimum standard to apply.

Discussion regarding the Site Trees:

- The 'Significant', "High' and 'Moderate' rated trees should all be retained if at all possible.
- The 'Low' value trees are typically those tree that are in poor health or with very poor structure or are small trees and easily replaced.
- Almost all of the Sugar Gums located throughout the greater reserve area hav been 'lopped' at some stage in the past. This has occurred both a ground level and at various heights. This has resulted in almost all of this species having 'Poor' structure. Many of these trees are overhanging paths, car parking areas of near playgrounds and need to be managed to ensure that risks are reduced where possible. A regular monitoring program with prioritised actions should be instigated if there is not already one.

- There are also many River Red Gums overhanging overhanging seats, paths, car parking areas or near playgrounds. Many of these trees have large amounts of deadwood present in their canopies. This also needs to be managed to ensure that risks are reduced where possible. A regular monitoring program with prioritised actions should be instigated if there is not already one.
- The seating areas under the canopies of any of the assessed trees should be removed (where possible) and placed outside of any tree canopies. This is also true of any other seating areas. New seating should no be proposed under Eucalypt canopies.

Glenn Waters
GLENN WATERS | ARBORICULTURE

Appendix 1: Tree Protection During Development

The following are guidelines that must be implemented to minimise the impact of the proposed construction works on the retained trees.

- The Tree Protection Zone (TPZ) is fenced and clearly marked at all times. This fence should deter the placement of building materials, entry of heavy equipment and vehicles and also the entry of workers and/or the public into the TPZ. Australian Standard AS 4687 - 2007 Temporary fencing and hoardings, specifies appropriate fencing requirements. Existing perimeter fencing can be incorporated into the protective fencing. Shade cloth should be attached to reduce the movement of dust and other particulates into the TPZ. Signs identifying the TPZ are to be placed on the fencing.
- If the area within the TPZ is to be accessed during the construction phase then the area will need ground protection. Measures may include a permeable membrane, such as a geotextile, to cover the TPZ area beneath a 100 mm layer of crushed rock below rumble boards.
- Contractors and site workers should receive written and verbal instruction as to the importance of tree protection and preservation within the site. Successful tree preservation occurs when there is a commitment from all relevant parties involved in designing, constructing and managing a development project. Members of the project team need to interact with each other to minimise the impacts to the trees, either through design decisions or construction practices.
- The consultant arborist is on-site to supervise excavation works around the existing trees where the TPZ will be encroached.
- There is no immediate requirement for mulching within the TPZ. There is benefit to maintaining existing site conditions within the TPZ and is more analogous to proposed completion conditions. Monitoring of the trees in-line with prevailing weather conditions will indicate if mulching will be required. The same approach is to used in providing supplemental irrigation.
- No persons, vehicles or machinery to enter the TPZ without the consent of the consulting arborist or site manager.
- Any underground service installations within the allocated TPZ should be bored and utility authorities should common trench where possible.
- No fuel, oil dumps or chemicals shall be allowed in or stored on the TPZ and the servicing and refuelling of equipment and vehicles should be carried out away from the root zones.
- No storage of material, equipment or temporary building should take place over the root zone of the tree.
- Nothing whatsoever should be attached to the tree including temporary services wires, nails, screws or any other fixing device.
- Any pruning that is required must be carried out by trained and competent arborist who has a thorough knowledge of tree physiology and pruning methods and carry out pruning to the Australian Standard – AS 4373 – 2007 Pruning of Amenity Trees.
- All root excavation should be carried out by hand digging or with the use of ‘Air-Excavation’ techniques, and roots should be severed by saw cutting or with a sharp axe and not with a Backhoe or any machinery or blunt instrument.



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Legend

- Subject site
- Map index
- Habitat Zones

Trees

- Scattered Tree
- Large Tree (within Habitat Zone)
- Tree Protection Zone

Details
Date: 24/05/2018
Version: 1

Data Source: Aerial photography from Nearmap (March 2017).
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Map 2. Ecological values

Hannah Watts Reserve, Melton

N

0 25 50 m

Scale 1:1,700 (Page size A3)



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Legend

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Trees

- Scattered Tree
- Large Tree (within Habitat Zone)
- Tree Protection Zone

Details
Date: 24/05/2018
Version: 1

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Map 2. Ecological values

Hannah Watts Reserve, Melton

N

0 25 50 m

Scale 1:1,820 (Page size A3)

No	Dbh	H x S	Species	Common Name	Age	Health	Structure	Arb Value	TPZ m radius	Risk Rating	Origin	Comments
200	110	14 x 22	*Eucalyptus camaldulensis*	River Red Gum	Mature	Fair-Poor	Fair-Poor	Significant	13.2	High	Vic. Native	over path
201	100	16 x 20	*Eucalyptus camaldulensis*	River Red Gum	Mature	Poor	Poor	Significant	12.0	Moderate	Vic. Native	over path
202	100	25 x 29	*Eucalyptus camaldulensis*	River Red Gum	Mature	Poor	Fair-Poor	High	12.0	Low	Vic. Native	
203	95	13 x 18	*Eucalyptus camaldulensis*	River Red Gum	Mature	Fair-Poor	Fair-Poor	High	11.4	Low	Vic. Native	
204	85	8 x 10	*Eucalyptus camaldulensis*	River Red Gum	Dead					Low	Vic. Native	
205	70/55	22 x 20	*Corymbia maculata*	Spotted Gum	Mature	Fair-Poor	Fair-Poor	Moderate-High	10.7	High	Vic. Native	over road
206	105	16 x 20	*Eucalyptus camaldulensis*	River Red Gum	Mature	Very Poor	Fair-Poor	High	12.6	High	Vic. Native	over seats
207	115	18 x 20	*Eucalyptus camaldulensis*	River Red Gum	Mature	Poor	Fair-Poor	High	13.8	High	Vic. Native	over seats
208	125	18 x 24	*Eucalyptus camaldulensis*	River Red Gum	Mature	Fair-Poor	Fair-Poor	Significant	15.0	Moderate	Vic. Native	close to road
209	85	16 x 16	*Eucalyptus camaldulensis*	River Red Gum	Semi-mature	Poor	Fair	Moderate	10.2	Moderate	Vic. Native	over seats
210	100/80 &100	28 x 20	*Eucalyptus camaldulensis*	River Red Gum	Mature	Poor	Fair-Poor	High	15.0	High	Vic. Native	over path
211	135 & 115	18 x 22	*Eucalyptus camaldulensis*	River Red Gum	Mature	Poor	Fair-Poor	Significant	15.0	High	Vic. Native	over path
212	75/70	18 x18	*Eucalyptus camaldulensis*	River Red Gum	Maturing	Poor	Fair-Poor	Moderate	12.4	High	Vic. Native	over road
213	70/60/46	18 x 22	*Eucalyptus ? camaldulensis*	River Red Gum	Mature	Poor	Fair-Poor	High	9.1	High	Vic. Native	over road
214	120	15 x 16	*Cupressus ? lusitanica*	Mexican Cypress	Mature	Fair	Fair-Poor	Significant	14.4	High	Exotic Conifer	over path and seat
215	90	18 x 18	*Fraxinus* 'Raywood'	Claret Ash	Mature	Poor	Fair-Poor	Low-Moderate	10.8	Moderate	Exotic Deciduc	close to path
216	180	20 x 22	*Eucalyptus camaldulensis*	River Red Gum	Mature	Fair-Poor	Fair-Poor	Significant	15.0	Very High	Vic. Native	well over road; prune
217	60	12 x 14	*Grevillia robusta*	Silky Oak	Maturing	Fair-Poor	Fair	Moderate	7.2	High	Aust. Native	over path
218	200	17 x 22	*Eucalyptus camaldulensis*	River Red Gum	Mature	Fair-Poor	Fair-Poor	Significant	15.0	Moderate	Vic. Native	cut back Peppercorn
219	190	28 x 22	*Eucalyptus camaldulensis*	River Red Gum	Mature	Poor	Fair-Poor	Significant	15.0	Low	Vic. Native	
220	200	22 x 25	*Eucalyptus camaldulensis*	River Red Gum	Mature	Fair-Poor	Fair-Poor	Significant	15.0	High	Vic. Native	over seats, near playground
221	50/45	13 x 15	*Eucalyptus camaldulensis*	River Red Gum	Semi-mature	Fair-Poor	Fair-Poor	Moderate	8.0	Moderate	Vic. Native	near playground
223	90	8 x 10	*Eucalyptus camaldulensis*	River Red Gum	Dead					Low	Vic. Native	
223	100	11 x 12	*Eucalyptus camaldulensis*	River Red Gum	Dead					Low	Vic. Native	
224	110	13 x 20	*Eucalyptus camaldulensis*	River Red Gum	Mature	Fair-Poor	Fair-Poor	High	13.2	Low	Vic. Native	
225	95	16 x 18	*Eucalyptus camaldulensis*	River Red Gum	Mature	Fair	Fair-Poor	High	11.4	High	Vic. Native	within informal road and parking area
226	150	13 x 22	*Eucalyptus camaldulensis*	River Red Gum	Mature	Fair	Fair-Poor	High	18.0	Low	Vic. Native	remove mistletoe
227	45	28 x13	*Eucalyptus cladocalyx*	Sugar Gum	Semi-mature	Fair-Poor	Fair-Poor	Moderate	5.4	Moderate	Vic. Native	
228	110	13 x 14	*Eucalyptus cladocalyx*	Sugar Gum	Over-mature	Poor	Poor	Low	13.2	High	Vic. Native	over road
229	180	20 x 22	*Eucalyptus cladocalyx*	Sugar Gum	Mature	Fair-Poor	Poor	Moderate-High	15.0	High	Vic. Native	over toad
230	95	20 x 18	*Eucalyptus cladocalyx*	Sugar Gum	Maturing	Fair-Poor	Poor	Moderate	11.4	High	Vic. Native	over car parks
231	110	30 x18	*Eucalyptus cladocalyx*	Sugar Gum	Mature	Fair-Poor	Poor	Moderate-High	13.2	Moderate	Vic. Native	near car parks
232	85	14 x 18	*Eucalyptus cladocalyx*	Sugar Gum	Maturing	Fair-Poor	Poor	Moderate	10.2	Low	Vic. Native	
233	90	20 x 18	*Eucalyptus cladocalyx*	Sugar Gum	Maturing	Fair-Poor	Poor	Moderate	10.8	High	Vic. Native	over cricket practice area
234	50	14 x 11	*Eucalyptus sideroxylon*	Red Ironbark	Maturing	Poor	Hazardous	Low	6.0	High	Vic. Native	major structural fault
235	260	22 x 20	*Eucalyptus cladocalyx*	Sugar Gum	Mature	Fair-Poor	Fair-Poor	Moderate-High	15.0	Moderate	Vic. Native	casual parking area
236	85	12 x 18	*Eucalyptus melliodora*	Yellow Box	Maturing	Fair-Poor	Fair	Moderate-High	10.2	High	Vic. Native	casual parking area
237	70	26 x 20	*Eucalyptus melliodora*	Yellow Box	Maturing	Very Poor	Fair-Poor	Low-Moderate	8.4	Very High	Vic. Native	over road and parking area
238	80/65	20 x 18	*Eucalyptus cladocalyx*	Sugar Gum	Mature	Fair-Poor	Poor	Moderate-High	12.4	High	Vic. Native	remove mistletoe
239	95	29 x 27	*Eucalyptus cladocalyx*	Sugar Gum	Mature	Poor	Poor	Low	11.4	High	Vic. Native	over skate park
240	80/60/55	22 x20	*Eucalyptus cladocalyx*	Sugar Gum	Maturing	Fair-Poor	Poor	Moderate-High	13.8	High	Vic. Native	over skate park
241	150	22 x 17	*Eucalyptus cladocalyx*	Sugar Gum	Mature	Fair-Poor	Poor	Moderate-High	15.0	High	Vic. Native	over skate park and tennis courts
242	60/55/50/50	22 x 20	*Eucalyptus cladocalyx*	Sugar Gum	Mature	Fair-Poor	Poor	High	11.2	Moderate	Vic. Native	close to road
243	100	18 x 20	*Eucalyptus melliodora*	Yellow Box	Maturing	Fair-Poor	Poor	High	12.0	High	Vic. Native	over paths
244	65/60/50		*Eucalyptus cladocalyx*	Sugar Gum	Mature	Very Poor	Poor	Low-Moderate	12.2	High	Vic. Native	over path and car parking
245	100	20 x 18	*Eucalyptus cladocalyx*	Sugar Gum	Mature	Fair-Poor	Poor	Moderate-High	12.0	High	Vic. Native	over car park
246	110	20 x 18	*Eucalyptus cladocalyx*	Sugar Gum	Mature	Poor	Poor	Low-Moderate	13.2	High	Vic. Native	near playground
247	50	12 x 12	*Eucalyptus globulus*	Blue Gum	Semi-mature	Poor	Fair-Poor	Low	6.0	High	Vic. Native	over path
248	110	22 x 19	*Eucalyptus cladocalyx*	Sugar Gum	Mature	Poor	Fair-Poor	Low-Moderate	13.2	High	Vic. Native	path and tennis court
249	40	11 x 20	*Corymbia maculata*	Spotted Gum	Maturing	Fair	Fair	Moderate	4.8	Low	Vic. Native	
250	95	22 x 10	*Eucalyptus camaldulensis*	River Red Gum	Dead					Low	Vic. Native	
251	80	20 x 18	*Eucalyptus camaldulensis*	River Red Gum	Semi-mature	Fair	Fair-Poor	Moderate-High	9.6	Moderate	Vic. Native	near paths
252	75	30 x 28	*Corymbia maculata*	Spotted Gum	Mature	Fair-Poor	Fair	Moderate-High	9.0	Low	Vic. Native	
253	85	12 x 18	*Eucalyptus melliodora*	Yellow Box	Maturing	Fair-Poor	Fair-Poor	High	10.2	Low	Vic. Native	
254	120	24 x 20	*Eucalyptus cladocalyx*	Sugar Gum	Mature	Fair-Poor	Poor	Moderate-High	14.4	High	Vic. Native	over paths and building

1.2 APPENDIX 02 - ECOLOGICAL ASSESSMENT

ECOLOGICAL ASSESSMENT

HANNAH WATTS RESERVE, MELTON



September 2018

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1. INTRODUCTION

Practical Ecology was commissioned as a subcontractor to Urban Initiatives to undertake an ecological assessment for a series of proposed upgrades and landscaping works within the Hannah Watts Reserve in Melton.

The reserve is 17 hectares in total and is located to the south of High Street and north of Reserve Road, Melton. An industrial area lies to the east and a mix of residential and community-facilities sit to the west (Figure 1).



Figure 1. Study area

The reserve is scheduled for a redevelopment with the intended focus on improving and enhancing community facilities in a number of stages.

This report seeks to identify the ecological values across the proposed development area in order to inform the design process. It also determines the impacts of the preliminary proposal for Stage 1 on the ecological values identified. Relevant legislation in relation to these impacts is also addressed.

1.1 Scope

The scope of works for the project, and this report, includes:

- a desktop review of relevant information including but not limited to relevant legislation and planning permit requirements, ecological databases and the Department of Environment, Land, Water and Planning's (DELWP) NatureKit
- the results of an ecological site assessment
- the provision of mapping to illustrate necessary information, including existing conditions and the impacts under the development proposal.
- Determination of impacts of the Stage 1 development proposal to ecological values on site.

2. METHODS

2.1 Site Assessment

An ecological site assessment was undertaken by Yasmin Kelsall and Karen McGregor on 24th April 2018. It included:

- the compilation of a list of all vascular plants
- identification of habitat zones and completion of habitat hectare assessments to determine the condition score and/or identification of scattered trees as required by the *Guidelines for the Removal, Destruction or Lopping of Native Vegetation* (DELWP 2017a)
- photographs of the remnant vegetation (likely to be) proposed for removal
- a description of the existing and/or original Ecological Vegetation Classes found within the site, and
- a review of relevant literature, fauna and flora records and habitat conditions on the site to determine the likelihood of the presence of EPBC-listed flora and fauna species.

Further details on this assessment methodology are provided in the sections below.

2.2 Vegetation Categorisation, Classification and Quality

Vegetation was assessed for its categorisation according to the *Guidelines for the removal, destruction and lopping of native vegetation* (DELWP 2017a), then it's Ecological Vegetation Class and finally, quality, as determined by a Habitat Hectare assessment.

2.2.1 Vegetation Categories

Vegetation in the study area was categorised in accordance with the *Guidelines for the removal, destruction and lopping of native vegetation* (DELWP 2017a) which defines native vegetation as :

- **Native Vegetation**

  Native Vegetation as per the Victorian Planning Provisions (Clause 72): plants that are indigenous to Victoria, including trees shrubs, herbs and grasses.

- **Native Vegetation Patch**

  A patch of native vegetation is either:

  - an area of vegetation where at least 25 per cent of the total perennial understorey plant cover is native
  - any area with three or more native canopy trees where the drip line of each tree touches the drip line of at least one other tree, forming a continuous canopy, or
  - any mapped wetland included in the current wetlands layer available in the Department of Environment, Land, Water and Planning's (DELWP) Native Vegetation Information Management tool and other DELWP systems.

- **Native canopy tree**

  A *native canopy tree* is a mature tree (i.e. that is able to flower) that is greater than 3m in height and is normally found in the upper layer of the relevant vegetation type.

  Trees are measured by diameter at breast height (DBH) at 1.3 metres above ground level.

- **Large Tree**

  A *Large Tree* is either: a live tree that is equal to or greater than the large tree benchmark for the species in the relevant EVC; or a standing dead tree has a DBH measurement of 40 centimeters or greater

- **Scattered Tree:**

  A Scattered Tree is a native canopy tree that does not form part of a patch.

  Scattered Trees have 2 size classes, Large Trees and Small Trees, i.e. those that have a DBH that is less than the large tree benchmark for the species in the relevant EVC.

2.2.2 Ecological Vegetation Classes

Ecological Vegetation Classes (EVCs) are a method of systematic organisation of plant communities into common types that occur in similar environmental conditions throughout Victoria. Each vegetation type is identified on the basis of its floristic composition (the plant species present), vegetation structure (woodland, grassland, saltmarsh), landform (gully, foothill, plain) and environmental characteristics (soil type, climate).

Modelled EVC distribution was accessed to assess the EVC likely to occur on the study area (DELWP 2018a). EVCs were then identified in the field according to observable attributes including dominant and characteristic species consistent with the benchmark descriptions (DELWP 2018b).

2.2.3 Habitat Hectare Assessment

A habitat hectare assessment applies to a defined native vegetation patch and is used to determine the condition of the vegetation and significance of native vegetation. This methodology is outlined in *Vegetation Quality Assessment Manual-Guidelines for Applying the Habitat Hectares Scoring Method* (DSE 2004). The habitat hectare method involves making visual and quantitative assessments on various characteristics of native vegetation according to established criteria that are set against an optimum benchmark.

This process begins with the identification of the EVC. Each EVC has an optimal benchmark representing its mature, natural (pre-1750) state. The assessment area is measured based on 7 habitat/vegetation components and 3 landscape components as a percentage of the EVC benchmark.

Assessment areas are separated into different habitat zones two types of EVCs are observed or where there are observed differences in condition within a single EVC.

When undertaking a habitat hectare assessment, *Large Trees* are documented either within a native vegetation patch or as a Scattered Tree.

2.3 Taxonomy

Flora and fauna taxonomy used in this report is in accordance with the Victorian Biodiversity Atlas Taxa List dated 03/02/2018 (DELWP 2018c).

2.4 Flora

Existing flora records on the Victorian Biodiversity Atlas (DELWP 2018d) for a five kilometre radius around the study area was obtained on 19th April 2018.

During the site assessment, the study area was inspected on foot. A species list (or defined area list) for indigenous or naturalised flora (i.e. not including planted species) over the entire study site was compiled. No systematic surveys were undertaken during this study.

2.4.1 Identification

Species that could not be identified in the field were recorded to the nearest possible family or genera. These were then collected as per the protocols associated with Practical Ecology's *Flora and Fauna Guarantee Act* (FFG Act) 1988 permit (No. 10006484) for the collection of plant material. In order to assist in the identification of some flora, major features of the specimens were collected where possible, including leaves, parts of branches, fruit and/or flowers.

2.4.2 Limitations of flora survey

The following considerations should be made regarding the limitations of the flora survey:

- flora surveys were undertaken over a short period of time (one day) and in autumn which is not the optimal time of year for plant identification
- additionally, it is expected that some species, particularly orchid, lily and other herbaceous species that can only be observed for a limited period of time during the year may not have been recorded during this assessment

None-the-less, the survey was deemed adequate to identify the key ecological values within the study site and to consider potential impacts associated with the proposed re-development.

2.5 Fauna

Existing fauna records on the Victorian Biodiversity Atlas (DELWP 2018d) for a five kilometre radius around the study site was obtained on 19th April 2018.

Only a brief incidental fauna survey was undertaken for this study. As it was undertaken in association with other tasks some species may not have been observed.

The main focus in regard to fauna was on undertaking a habitat assessment. This habitat assessment relies upon making judgements on the suitability of habitat present within the study site for any significant species recorded in the database search.

2.6 Potentially occurring rare or threatened species

Database information was used to determine likelihood of occurrence of rare or threatened species that occur or are predicted to occur within five kilometres of the study area. In determining this 'likelihood of occurrence'

and utilisation of the study area by national or state significant flora and fauna, the following factors were considered:

- previous recordings of species in the local area
- date of last record
- the habitat requirements of individual species
- the physical attributes of the site, such as topography, geology, soils, aspect and other habitat features such as trees with hollows, the presence of rocks or boulders, logs on the ground
- the history of land use at the study site
- ecological landscape context; how connected, fragmented or modified is the surrounding landscape.

A basic matrix that describes the justification for the likelihood of occurrence is presented below in Table 1.

Table 1. Criteria for potential occurrence of significant species

Likelihood of occurrence	Criteria
Nil	Species known to be extinct in local area and/or absent from the site.
Low	Unsuitable habitat at study site; or habitat conditions intermediate and records very limited and dated; or if it were present, it is highly likely to have been observed on site.
Medium	Habitat conditions are intermediate, and/or optimal habitat conditions for species but local records limited or dated and/or if it were present, it is not likely to have been observed on site.
High	Optimal habitat conditions for species or species recorded at site, or intermediate habitat conditions but extensive local records and/or if it were present, it is not likely to have been observed on site.

2.7 Mapping

Spatial data collection was carried out using a combination of a handheld GPS device and aerial photography. Determination of vegetation boundaries was undertaken using a combination of GPS data and ground-truthing with aerial photography. GPS data and hence mapping should be considered approximate only (e.g. +/- 1-5m).

3. RESULTS

3.1 Vegetation Categorisation, Classification and Quality

Native vegetation occurs within 2 habitat zones. Additionally a number of Scattered Trees were recorded. The habitat zones and Scattered Trees are shown on Map 2.

The habitat zones were identified to align with two different Ecological Vegetation Classes (EVCs). These EVCs and their Bioregional Conservation Status (BCS) are indicated in Table 2. The study site falls within the Victorian Volcanic Plain Bioregion.

Table 2. Bioregional Conservation Status for Extant EVCs at Study Site.

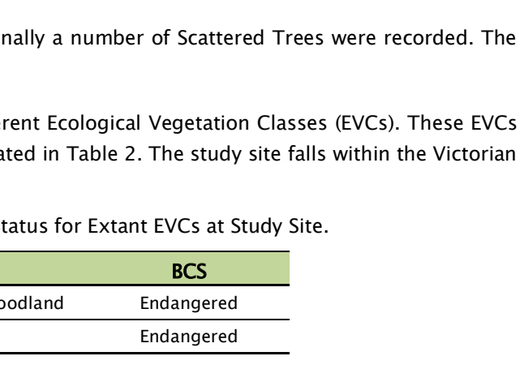
EVC No.	EVC	BCS
68	Creekline Grassy Woodland	Endangered
821	Tall Marsh	Endangered

3.1.1 EVC 68: Creekline Grassy Woodland

Creekline Grassy Woodland consists of a Eucalypt-dominated woodland with occasional scattered shrub layer over a mostly grass/sedgy to herbaceous ground layer. It occurs on low-gradient ephemeral to intermittent drainage lines, typically on fertile colluvial/alluvial soils, on a wide range of suitable fertile geological substrates. Formerly widespread in narrow bands within suitable habitat, now almost entirely cleared or eroded as a consequence of altered hydrology (Oates and Taranto 2001).

This EVC exists on site along the Toolern Creek corridor (shown on Map 2) and contains the majority of highly significant remnant large River Red Gums on site. This area of the site is part of an extended important habitat corridor along Toolern Creek which includes billabongs, one of which occurs on site. Vegetation that was categorised as Creekline Grassy Woodland is described in Table 3.

Table 3. Creekline Grassy Woodland Habitat Zone descriptions

Habitat Zone	Summary description	Picture of Habitat Zone
HZ 1	HZ 1 is the largest habitat zone in the reserve and includes the majority of higher quality vegetation within the Toolern Creek corridor and its immediate floodplain. HZ 1 includes many large remnant canopy trees, namely River Red Gum and has a diversity of understorey species, the majority of which are clearly planted and some potentially remnant. Understorey species range from grasses and sedges, further from	

Habitat Zone	Summary description	Picture of Habitat Zone
	the waterway, to aquatic sedges, rushes and herbs close to and within the waterway.	
HZ 1 (modified)	This Zone is a modified version of HZ 1. It differs from the remainder of HZ 1 as it generally lacks canopy trees and has very little indigenous groundstorey. It is possible this area has been planted for biodiversity enhancement.	

3.1.2 EVC 821: Tall Marsh

One location of Tall Marsh was identified in the north of the study site, associated with a wetland area that sits to the north of the Toolern Creek (HZ2). This habitat zone is surrounded by the Creekline Grassy Woodland vegetation of HZ1, including numerous River Red Gums, some of which are Large Trees. Further detail for HZ2 is provided in 0.

Table 4. Tall Marsh Habitat Zone description

Habitat Zone	Summary description	Picture of Zone
HZ 2	HZ 2 is dominated by a dense stand of Common Reed *Phragmites australis* in combination with Poong'ort *Carex tereticaulis* with a sparse cover of colonising indigenous shrubs including Gold-dust Wattle *Acacia acinacea* and Drooping Cassinia *Cassinia arcuata*. HZ2 also contained some exotic shrubs around its perimeter including Montpellier Broom **Genista monspessulana* and Briar Rose **Rosa rubiginosa* and a moderate cover (approximately 20%) of exotic grass and herb cover.	 Looking east towards HZ 2  Looking south across HZ 2

3.1.3 Scattered Trees

Additional to the remnant patches listed above, 13 Scattered Trees were identified. These are detailed in Table 5 and shown on Map 2.

Table 5. Scattered Trees

ID	Common name	Scientific name	Large Tree	DBH (cm)	TPZ (m)
1	Spotted Gum	*#Corymbia maculata*	Yes	70	8
2	Eurabbie	*Eucalyptus globulus subsp. bicostata*		35	4
3	River Red Gum	*Eucalyptus camaldulensis*	Yes	158	15
4	River Red Gum	*Eucalyptus camaldulensis*	Yes	112	13
5	River Red Gum	*Eucalyptus camaldulensis*	Yes	167	15
6	Gum tree	*Eucalyptus sp.*		25	3
7	River Red Gum	*Eucalyptus camaldulensis*	Yes	122	15
8	Eurabbie	*Eucalyptus globulus subsp. bicostata*		35	4
9	River Red Gum	*Eucalyptus camaldulensis*	Yes	102	12
10	River Red Gum	*Eucalyptus camaldulensis*		40	5
11	River Red Gum	*Eucalyptus camaldulensis*	Yes	124	15
12	River Red Gum	*Eucalyptus camaldulensis*	Yes	115	14
13	Spotted Gum	*#Corymbia maculata*		22	3

3.1.4 Habitat hectare assessment

Table 6 present the results of the Habitat hectare assessments.

Table 6. Habitat hectare assessments

Habitat Zone			1	1 (mod)	2
Bioregion			VVP	VVP	VVP
EVC Name (initials)			CGW	CGW	TM
EVC Number			68	68	821
EVC Conservation Status			E	E	TBC
Size of Zone (ha)			3.136	0.561	0.105
		Max Score	Score	Score	Score
Site Condition	Large Old Trees	10	4	0	na
	Canopy Cover	5	3	0	na
	Understorey	25	15	10	15
	Lack of Weeds	15	4	4	7
	Recruitment	10	6	6	3
	Organic Litter	5	5	5	3
	Logs	5	2	2	na
	EVC Standardiser	n/a	1	1	1.36
	Standardised Score	75	39	27	38
Landscape value	Patch Size	10	2	1	1
	Neighbourhood	10	1	1	1
	Distance to Core	5	1	1	1
Habitat points		100	43	30	41
Habitat Score (habitat points/100)		**0.##**	**0.43**	**0.30**	**0.41**
No. of Large Old Trees			**18**	**1**	**0**

3.2 Grassy Eucalypt Woodland of the Victorian Volcanic Plain and Grey Box *Eucalyptus microcarpa* Grassy Woodlands

The vegetation identified onsite has the potential to align with at least one ecological community listed under the Environment Protection and Biodiversity Conservation Act, 1999. These being:

- Grassy Eucalypt Woodland of the Victorian Volcanic Plain (critically endangered) and
- Grey Box *Eucalyptus microcarpa* Grassy Woodlands (endangered)

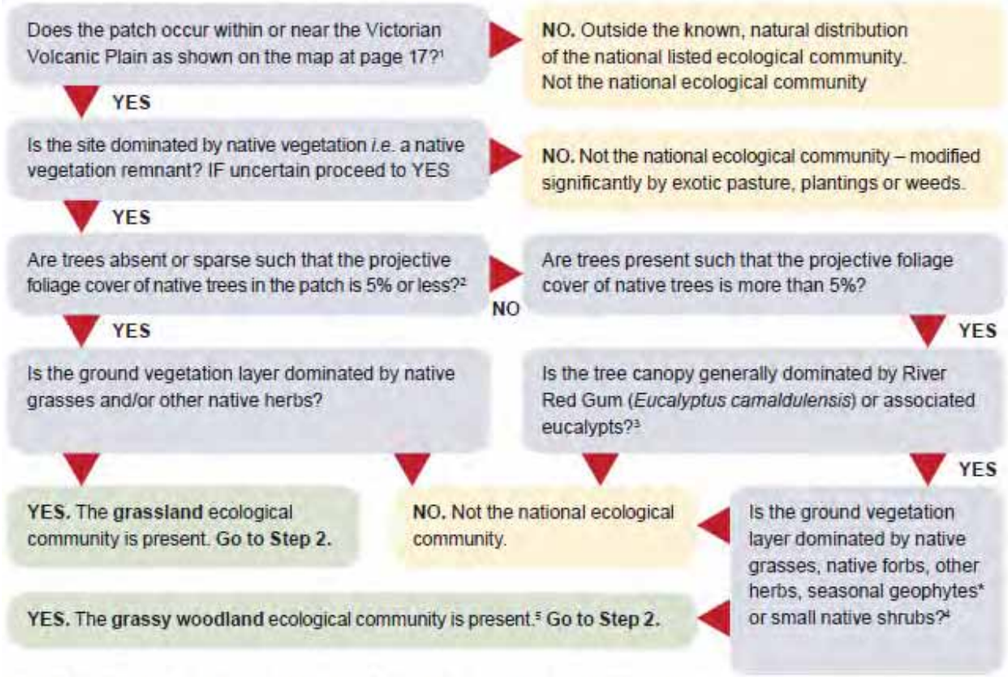
Grassy Eucalypt Woodland is an open eucalypt woodland with a tree canopy typically dominated by River Red Gum. Other eucalypt species may become prominent on wetter or higher rainfall sites; for instance Swamp Gum or Manna Gum *E. viminalis*, or on drier sites in rain shadows; for instance Grey Box *E. microcarpa* or Yellow Box *E. melliodora*. The understorey comprises a sparse shrub layer and a ground layer similar to that found in the grassland. Additionally in the woodland, Weeping Grass *Microlaena stipoides* may occur, and one or more of these wildflowers are usually present: Sheep's Burrs *Acaena spp.*, Chocolate or Vanilla lilies *Arthropodium spp.*, Beauty Heads *Calocephalus spp.*, Common Everlastings *Chrysocephalum spp.*, Flax lilies *Dianella spp.*, Kidney Weeds *Dichondra spp.*, Crane's Bills *Geranium spp.*, Scaly Buttons *Leptorhynchos* spp. or Solenogyne *Solenogyne* spp. (DEWHA 2011).

Grey Box *Eucalyptus microcarpa* Grassy Woodlands comprises a tree layer and a native understorey with varying proportion of shrubs, grasses and herbs. It has a tree canopy that is dominated or co-dominated by Grey Box *Eucalyptus microcarpa*. Widespread shrubs include Wattles *Acacia* spp., Sweet Bursaria *Bursaria spinosa*, *Cassinia* spp., Hop-bushes *Dodonaea* spp., Emu bushes *Eremophila* spp. and Blue-bushes *Maireana* spp.. In many situations, regrowth of canopy trees also may be present in the mid layer. Common grasses and grass-like plants that occur include Wallaby grasses *Rytidosperma* spp., Spear grasses *Austrostipa* spp., Wheat-grass *Elymus scaber*, Windmill grasses *Enteropogon* spp., Flax-lilies *Dianella* spp. and Mat-rushes *Lomandra* spp. Herbaceous flowering plants found across this ecological community include Vanilla lilies *Arthropodium* spp., Milkmaids *Burchardia umbellata* and Twining fringe- lilies *Thysanotus patersonii*. Chenopods are generally more prominent in the ground layer of this ecological community than in other temperate grassy woodlands (DSEWPC 2012).

These EPBC listed communities are generally synonymous with the some EVCs, including Plains Woodland which occurs in the study area; they also correspond with the FFG listed Western Basalt Plains (River Red Gum) Grassy Woodland Community and Grey Box – Buloke Grassy Woodland Community.

To qualify as the nationally listed communities, in additional to meeting the environmental and composition requirements, quality thresholds are provided. These are presented in Figure 2 and Figure 3. The thresholds have been applied to the habitat zones within the study area and the results are presented in Table 7 below.

STEP 1: Is the Natural Temperate Grassland or Grassy Eucalypt Woodland ecological community present at my site?



STEP 2: Is the patch of sufficient quality for national listing?

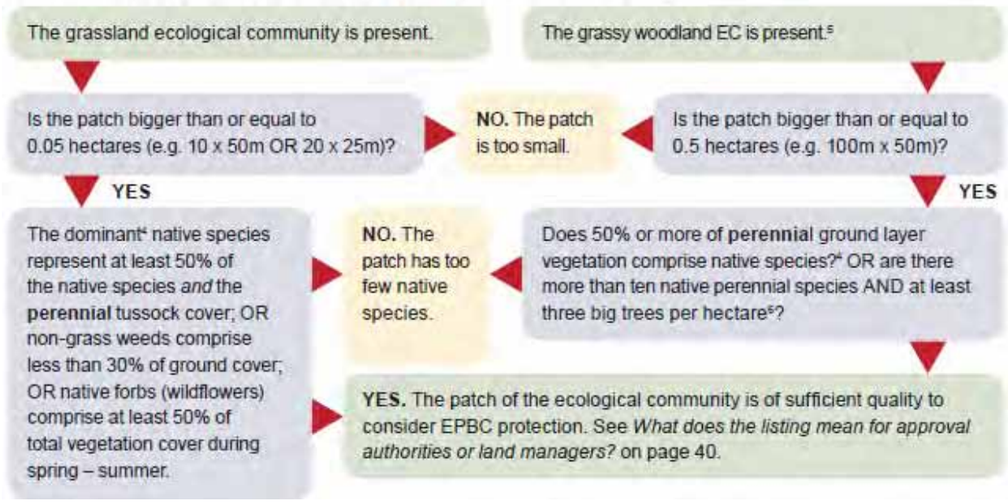
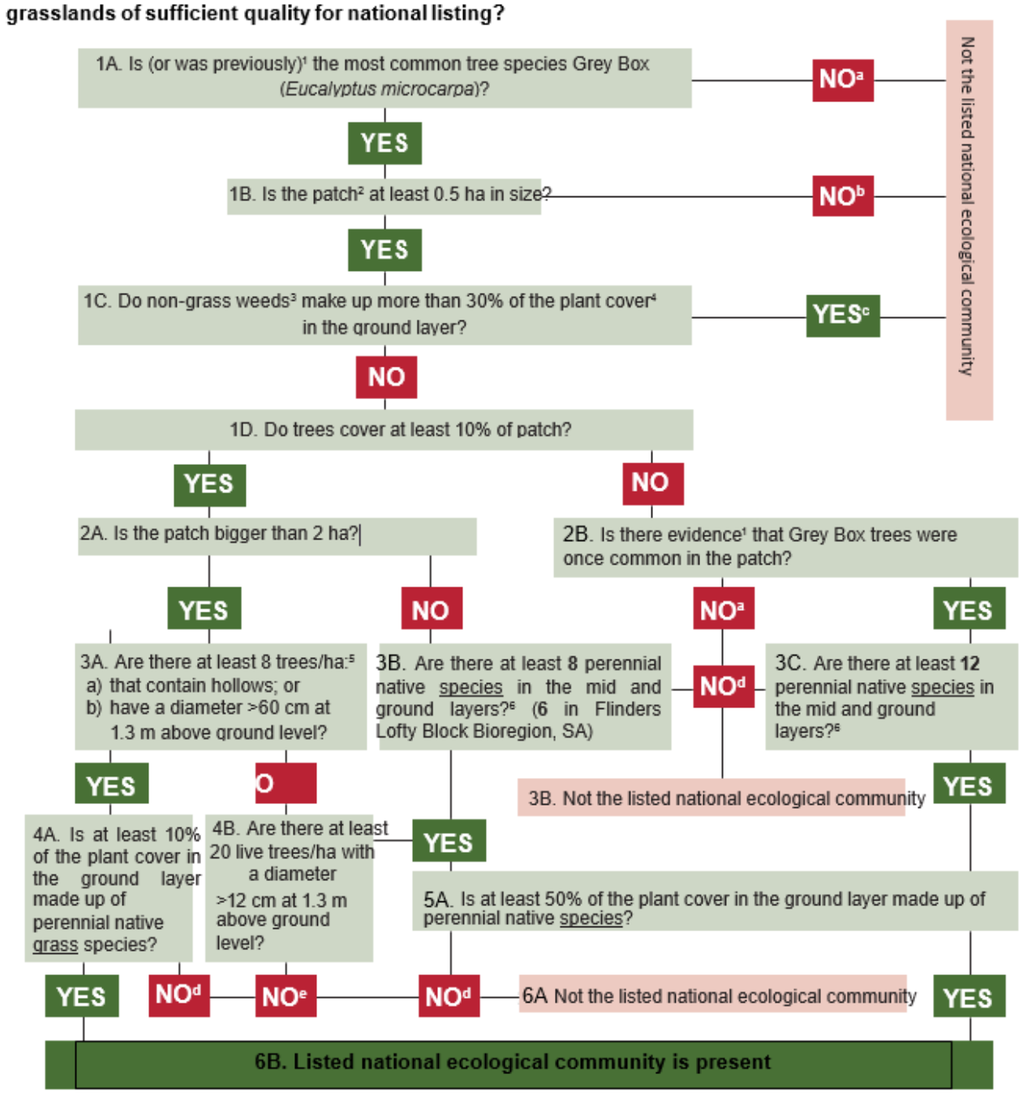


Figure 2. Flow chart to identify the EPBC listed Grassy Eucalypt Woodland and/or Natural Temperate Grassland ecological communities of the Victorian Volcanic Plain (DEWHA 2011).

Flowchart 2: Is the patch of potential Grey Box (*E. microcarpa*) Grassy Woodlands or derived native grasslands of sufficient quality for national listing?



1. Evidence that Grey Box was originally present might include stumps, historical records or presence in nearby vegetation.
2. When considering a patch it is important to note that a patch may extend beyond a property or development site boundary. For the purposes of determining whether or not a patch meets the minimum patch size of the condition thresholds for the ecological community, the entire patch should be considered, not just the area occurring on a property or development site.
3. A weed is defined here as a plant species that is not native to Australia and the species has established viable self-sustaining populations in a region.
4. Plant cover excludes mosses and lichens. Patches of bare ground or leaf litter are also not included.
5. Dead trees are included if present, up to 50% of the total tree count.
6. Relevant growth-forms to include are: grasses, other graminoids, forbs and shrubs less than 4 metres tall. Shrubs that are 4 metres or more in height and non-vascular plants (mosses and lichens) are not included.

Why does my patch not belong to the listed national ecological community? **a** Patch belongs to a different ecological community; **b** Patch is too small; **c** Degraded: patch is too weedy **d** Degraded: too few native species or insufficient native species cover in ground layer; **e** Degraded: too few trees AND insufficient native species cover in ground layer. Rehabilitation work may be able to restore degraded patches enough to qualify as the listed community.

Figure 3. Flow chart to identify the EPBC listed Grey Box (*E. microcarpa)* Grassy Woodland or derived native grasslands (DSEWPC 2012).

Table 7. Summary of Habitat Zones and consideration against condition thresholds

Habitat Zone	EVC	Meets EPBC listed community thresholds
1a	Creekline Grassy Woodland	**Yes – this patch meets the threshold for Grassy Eucalypt Woodland ecological community**
1b	Creekline Grassy Woodland	No – patch is too small to meet the threshold
1c	Creekline Grassy Woodland	No – patch is too small to meet the threshold
1d	Creekline Grassy Woodland	No – it does not meet the requirements for: 50% or more of perennial ground layer vegetation comprise of native species OR are there more than ten native perennial species AND at least three big trees per hectare
1 (mod)	Creekline Grassy Woodland	No – groundstorey dominated by exotic species and no Grey Box
2	Tall Marsh	No – EVC not synonymous with an EBPC listed community.

3.3 Amenity plantings

Most of the vegetation on site consists of amenity plantings. These are plantings of Victorian native plants which main purpose is for amenity rather than biodiversity enhancement. Some of these zones contains Large Trees which have high ecological values and should be retained if possible. Map 2 shows the location of the amenity plantings and amenity plantings which contain large trees. Descriptions of each zone are provided in Table 8.

Table 8. Amenity planting zone descriptions

Amenity planting zone	Summary description	Picture of Zone
AP 1	This Zone consists of mixed eucalypt canopy of Yellow Gum *Eucalyptus leucoxylon*, Sugar Gum *E. cladocalyx,* Eurabbie *E. globulus subsp. bicostata* and Buloke *Allocasuarina luehmannii*. It also contains Wattles *Acacia sp.* and the groundstorey is mulched.	

Amenity planting zone	Summary description	Picture of Zone
		
AP 2	This Zone contains Yellow Gum and Mugga *E. sideroxylon* and an exotic groundstorey (lawn).	
AP 3	This Zone consists of Spotted Gum *#Corymbia maculata* and Giant Honey-myrtle *Melaleuca armillaris* with some Wattles and an exotic groundstorey (lawn).	

Amenity planting zone	Summary description	Picture of Zone
AP 4	AP 4 comprises of a narrow band of planted Brace Honey-myrtle *#Melaleuca armillaris* with a largely exotic understorey. Occasional occurrences of Rough Spear-grass and indigenous herbs were noted. Additionally, this patch includes high threat weeds including African Box-thorn **Lycium ferocissimum* and a variegated form of Blue Periwinkle **Vinca major*.	
AP 5	AP 5 comprises of just two River Red Gum trees with an exotic grass (lawn) understorey.	
AP 6	AP 6 was applied to two sections of largely planted vegetation that was generally consistent with Creekline Grassy Woodland. It included eucalypts and understorey shrubs with some planted sedges and lilies with a layer of mulch present.	

Amenity planting zone	Summary description	Picture of Zone
AP 7	This Zone contains River Red Gum *E. camaldulensis* and Yellow Box *E. melliodora* as well as Hop Goodenia *Goodenia ovata* with a mulched groundstorey.	
AP 8	This Zone contains Yellow Box and River Bottlebrush *Callistemon sieberi* with some Spiny-headed Mat-rush *Lomandra longifolia*. There is also Desert Ash **Fraxinus angustifolia subsp. angustifolia* and Bushy Yate *#Eucalyptus lehmannii* with a mulched groundstorey.	
AP 9	This Zone contains Grey Box *Eucalyptus microcarpa* and Moonah *Melaleuca lanceolata*. There is also Sugar Gum *#Eucalyptus cladocalyx* and an exotic grass groundstorey.	

Amenity planting zone	Summary description	Picture of Zone
AP 10	This Zone contains 3 River Bottlebrush and has an exotic grassy groundstorey.	
AP 11	This Zone contains a mix of Eucalypts including River Red Gum, Yellow Gum, Mugga and Sugar Gum. It also contains some Golden Wattle *Acacia pycnantha* and a mix of exotic and indigenous grassy groundstorey including Rough Spear-grass *Austrostipa scabra*.	
AP 12	This Zone only contains groundstorey vegetation of Spiny-headed Mat-rush, Common Tussock-grass *Poa Labillardierei* and Black-anther Flax-lily *Dianella admixta.* The remaining groundstorey is mulched.	

Amenity planting zone	Summary description	Picture of Zone
AP 13	This Zone is similar to AP 12 but with canopy species of Yellow Box and River Red Gum and an understorey including Golden-dust Wattle *Acacia acinacea* and Drooping Sheoak *Allocasuarina verticillata* and a predominately mulched groundstorey.	
AP 14	This Zone includes a patch of garden area in the Willows Historic Precinct, which is similar to AP 6. Via its tree canopy it is contiguous with vegetation along the Toolern Creek but differs in that it has a lower diversity of indigenous understorey species and planted Australian natives.	
AP 15	This Zone occurs in two areas of rehabilitated indigenous grasses, dominated by Rough Spear-grass. It's location in the landscape largely classifies it as Creekline Grassy Woodland. Both areas of this Zone have a high cover of weedy species.	

Amenity planting zone	Summary description	Picture of Zone
		

3.4 Flora

A total of 98 plant taxa were recorded in the study area during this survey of which 53 were indigenous (55%) and 45 (45%) were introduced or native species growing outside their natural range (mainly planted). Table 9 summarises plant taxa recorded in the study area during this survey. Appendix 1 lists all flora recorded within the study.

Table 9. Summary of plant species recorded

Flora Status	Number of Taxa
Indigenous vascular species	53
Native, growing outside their natural range	6
Exotic species	36
TOTAL	**98**

State or nationally significant flora

There were three flora species of national or state significance observed onsite. These being Buloke *Allocasuarina luehmannii* (endangered in Victoria and FFG Act listed) Austral Tobacco *Nicotiana suaveolens* and Fragrant Saltbush *Rhagodia parabolica* (both rare in Victoria). However with the exception of Buloke, it is believed that these species have been recently planted.

A search for state or nationally significant flora species recorded within a five kilometre radius of the study area in the VBA (DELWP 2017b) revealed 12 species. Details of these species are given in Appendix 2. Of these state or nationally significant flora species, three were determined to have a 'high likelihood' of occurring onsite. These being the three species observed during the site assessment. The remaining species were determined to have a 'low or low-moderate likelihood' of occurring on site.

3.5 Fauna

The results of the incidental fauna survey undertaken on site are presented in Table 10.

Table 10. Incidental fauna list recorded during site visit

Common Name	Record
Australian Magpie	Observed
Australian Wood Duck	Observed
Black Duck	Observed
Brush-tailed Possum	Scat
Common Froglet	Heard
Crested Pigeon	Observed
Galah	Observed
Little Raven	Observed
Magpie Lark	Observed
Noisy Miner	Observed
Red Wattlebird	Observed
Red-rumped Parrot	Observed
Welcome Swallow	Observed
White-plumed Honeyeater	Observed
Willie Wagtail	Observed
Yellow-tailed Black-Cockatoo	Observed
*Blackbird	Observed
*Common Myna	Observed
*European Bee	Observed
*European Rabbit	Observed
*Spotted Dove	Observed

3.5.1 Fauna habitat

The main focus with regards to fauna during the assessment was the consideration of the site's potential to provide fauna habitat. The habitat observed within the site included:

- leaf litter and mulch
- Toolern Creek (fresh flowing water, riffles and pools, instream woody debris and associated variety of vegetation)
- wetlands and waterbodies of various depths including dense vegetation (at the time of survey)
- tree canopies, and trees with hollows
- dense understorey vegetation
- grassy understorey vegetation
- open grassed (lawn) areas
- logs
- rocks

Vegetation on site provides very good fauna habitat that is connected to broader areas of native vegetation, particularly along Toolern Creek. Within the site there are many large trees containing hollows of various sizes and provide suitable nesting habitat for bird and bat species.

The understorey both along the Creek and in other revegetation areas provides good nesting and foraging habitat for mammals, smaller birds and reptiles. The Creek provides good habitat for waterbirds, a variety of fish and amphibians. Platypus are known to frequent this waterway also.

State or nationally significant fauna

No fauna of state or national significance was recorded during the site inspection.

A total of 16 state or nationally significant fauna species are recorded within a five kilometre radius of the study site in the VBA (DELWP 2017b). Details of these species are given in Appendix 3. Six species are considered to have a 'medium' likelihood of utilising the site: Latham's Snipe, Eastern Great Egret, Nankeen Night Heron, Swift Parrot, Brown Toadlet and Growling Grass Frog. The remaining species have a 'low' likelihood of occurring on site.

4. RELEVANT POLICY AND LEGISLATION

The following section explores relevant policy and legislation pertaining to ecology from the national level through to the local level.

Currently only plans for Stage 1 of the development has been considered for impacts to the ecological values of the site.

4.1 Environment Protection and Biodiversity Conservation Act 1999

The *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act) applies to sites where proposed developments or projects may have a significant impact on matters of National Environmental Significance (NES). There are currently seven matters of National Environmental Significance:

- World Heritage properties
- National Heritage places
- nationally listed threatened species and ecological communities
- listed migratory species
- Ramsar wetlands of international importance
- Commonwealth marine areas
- nuclear actions (including uranium mining).

Under the EPBC Act, a proponent must refer proposed actions that may have a significant impact on matters of national environmental significance to the Australian Government Environment Minister (or delegate).

Relevance to project

There is one flora and three fauna species recorded within 5km of the site are listed under the EPBC Act, two of the fauna, Swift Parrot and Growling Grass Frog were determined to have a 'medium' likelihood of utilising the site.

As detailed in Section 3.2, part of Habitat Zone 1 contains the EPBC listed community Grassy Eucalypt Woodland. On this basis it is highly recommended that development be avoided in the zone.

The proposed development plan for Stage 1 does not appear to have 'a significant of adverse impact' on this listed community (as only two trees have impact to their TPZ and the encroachment is less than 3%) and hence very unlikely to require a referral to the environment minister for assessment and approval.

An action is likely to have a significant impact on a critically endangered or endangered ecological community if there is a real chance or possibility that it will:

- reduce the extent of an ecological community
- fragment or increase fragmentation of an ecological community, for example by clearing vegetation for roads or transmission lines
- adversely affect habitat critical to the survival of an ecological community

- modify or destroy abiotic (non-living) factors (such as water, nutrients, or soil) necessary for an ecological community's survival, including reduction of groundwater levels, or substantial alteration of surface water drainage patterns

- cause a substantial change in the species composition of an occurrence of an ecological community, including causing a decline or loss of functionally important species, for example through regular burning or flora or fauna harvesting

- cause a substantial reduction in the quality or integrity of an occurrence of an ecological community, including, but not limited to:
    - assisting invasive species, that are harmful to the listed ecological community, to become established, or
    - causing regular mobilisation of fertilisers, herbicides or other chemicals or pollutants into the ecological community which kill or inhibit the growth of species in the ecological community, or

- interfere with the recovery of an ecological community.

As impacts to HZ1 are very minimal, there are no matters of national environmental significance (MNES) that are considered likely to be significantly impacted by the proposed variety of facilities and activities planned for the site.

4.2 Flora and Fauna Guarantee Act 1988

The *Flora and Fauna Guarantee Act 1988* (FFG Act) was legislated to ensure the continued survival of all Victorian species of flora and fauna and all Victorian communities of plants and animals. The FFG Act provides a number of ways to help achieve its objectives including:

- listing of threatened taxa, communities of flora or fauna and potentially threatening processes, and creation of Action Statements and Management Plans for all listed taxa communities of flora or fauna and processes
- declaration of a Critical Habitat if the habitat is critical for the survival of a species or a community of flora or fauna, if listed as Critical Habitat, the Minister for Environment may then make an Interim Conservation Order (ICO) to conserve the Critical Habitat (NB: no Critical Habitat has been declared in the State)
- protection of flora and fauna through listing offences such as penalties relating to not following an ICO and taking, trading in, keeping, moving or processing protected flora without a licence. (NB: this does not apply to taking protected flora from private land (other than land which is part of the critical habitat for the flora) except for taking tree-ferns, grasstrees or sphagnum moss for the purpose of sale.

The Department of Environment, Land, Water and Planning (DELWP) is the referral authority for matters under the FFG Act, 1998.

Please note: Public authorities have a responsibility to ensure that their operations have regard to the objectives of the Act. As the relevant public authority for this site, the City of Melton has this responsibility.

4.2.1 Protected flora – public land

The protected flora controls are set out in Division 2 of Part 5 of the *Flora and Fauna Guarantee Act 1988* (FFG Act). It is an offence to take, trade in, keep, move or process protected flora without a permit, or unless authorised by Order of the Governor in Council published in the *Government Gazette* (GIC Order). The FFG Act defines "take" to mean to kill, injure, disturb or collect.

For all protected flora, the controls apply to flora "…in any form including the whole organism or any part or product, whether alive or dead or however processed." (Section 45 of the FFG Act).

The Protected Flora List includes plants from three sources:

- plant taxa which are not threatened but are declared to be protected under section 46 of the *Flora and Fauna Guarantee Act 1988*
- plant taxa which are listed as threatened under section 10 the *Flora and Fauna Guarantee Act 1988*
- plant taxa belonging to communities which are listed as threatened under section 10 of the *Flora and Fauna Guarantee Act 1988.*

As well as protecting threatened species, protected flora are listed to regulate exploitation including removal from the wild for cultivation and the cut-flower industry. Among others the list includes all members of the Asteraceae (daisies), Epacridaceae (heaths) and Orchidaceae (orchids) families and all Acacias (excluding Silver, Early Black, Lightwood, Blackwood and Hedge Wattle).

Relevance to proposal

There are a number of species that are present on site (including Buloke) and some Wattles (*Acacia acinacea* and *A. pycnantha*) as well as many members of the Asteraceae family within the study site that are considered Protected Flora.

On this basis a permit from DELWP is required if proposed works may kill, injure or disturb protected flora species within the study site.

4.2.2 Threatened Fauna

There are 10 species of fauna listed under the FFG Act 1988 that have been recorded within a 5km radius of the study area. These species are listed in Appendix 3.

Of these four fauna species, Eastern Great Egret, Swift Parrot, Brown Toadlet and Growling Grass Frog, have a medium likelihood of occurrence within the site but is unlikely to be significantly impacted by the proposed development.

Relevance to proposal

There are no specific requirements of the FFG Act that are currently relevant to the development proposal.

4.2.3 Threatened Communities

The FFG Act also provides for the listing of communities of flora and fauna which are threatened. The Scientific Advisory Committee (SAC) has produced a set of descriptions of Victorian Threatened Communities.

Relevance to proposal

There are two threatened communities within the study area:

- Western Basalt Plains (River Red Gum) Grassy Woodland Community and
- Grey Box – Buloke Grassy Woodland Community.

Any future development should aim to reduce their impact upon vegetation associated with these communities.

4.2.4 Potentially Threatening Processes

Schedule three of the *FFG Act 1988* lists numerous Potentially Threatening Processes. These processes have been identified as a threat to the survival of one or more species of flora or fauna or a community. A number of threatening processes operate across Victoria and across all land tenures while some are specific to a defined locality.

Within the study site Potentially Threatening Processes that are occurring or could potentially occur include:

- alteration to the natural flow regimes of rivers and streams
- degradation of native riparian vegetation along Victorian rivers and streams
- habitat fragmentation as a threatening process for fauna in Victoria
- increase in sediment input into Victorian rivers and streams due to human activities
- input of toxic substances into Victorian rivers and streams
- invasion of native vegetation by blackberry *Rubus fruticosus* sp. agg.
- invasion of native vegetation by 'environmental weeds'
- loss of hollow-bearing trees from Victorian native forests
- loss of terrestrial climatic habitat caused by anthropogenic emissions of greenhouse gases
- predation of native wildlife by the cat **Felis catus*
- predation of native wildlife by the introduced red fox **Vulpes vulpes*
- reduction in biomass and biodiversity of native vegetation through grazing by the rabbit **Oryctolagus cuniculus*
- the spread of *phytophthora cinnamomi* from infected sites into parks and reserves, including roadsides, under the control of a state or local government authority.

- threats to native flora and fauna arising from the use by the feral honeybee *Apis mellifera* of nesting hollows and floral resources
- use of phytophthora-infected gravel in construction of roads, bridges and reservoirs
- wetland loss and degradation as a result of change in water regime, dredging, draining, filling and grazing

Relevance to proposal

There are no specific legislated prescriptions under the FFG Act related to Potentially Threatening Processes occurring on this site.

4.3 Wildlife Act 1975 and Wildlife Regulations 2013

The *Wildlife Act 1975* provides for the protection and conservation of native wildlife (fauna) within Victoria. It also provides the basis for the majority of Wildlife permit/licensing requirements within the state. Under the Act a person must not hunt, take or destroy endangered, notable or protected wildlife; this includes all native vertebrate animals, all kinds of deer, non-indigenous quail, pheasants, and partridges, and all terrestrial invertebrate animals listed under the Flora and Fauna Guarantee Act 1988.

The *Wildlife Regulations 2013* provide further detail relating to the act, including that a person not to damage, disturb or destroy any wildlife habitat (s42), although this does not apply if the person is authorised to do so under any other Act such as the *Planning and Environment Act 1987*.

Relevance to proposal

It is unlikely a separate permit is required under this Act as damage should generally only occur to wildlife habitat as approved under the planning permit. There is however some potential that small mammals, birds and reptiles that may be impacted during the works.

Effort should be made to ensure any wildlife located within the habitat proposed for clearing, is carefully salvaged and relocated from the works areas. This should also ensure minimal wildlife damage during works. Hand removal of vegetation is recommended where possible to ensure that no fauna is located within hollows, fissures or nests. If possible, vegetation should be hand fed into wood chippers to ensure no harm to fauna.

A pre-clearance fauna check will assist in identifying any fauna utilising the site for habitat and to advise on any specific measures that would assist to ensure that the requirements of the Act are met.

4.4 Planning and Environment Act 1987

The *Planning and Environment Act 1987* establishes the framework for planning the use, development and protection of land in Victoria in the present and long-term interests of all Victorians. This includes providing the structure for and administering the implementation of Planning Schemes in each municipality through the Victorian Planning Provisions (VPPs). Planning Schemes are legal instruments outlining provisions for land use, development and protection. They are constructed and sourced from the VPPs.

The following section considers relevant sections of the Planning Scheme.

4.4.1 State Planning Policy Framework

Clause 12 Environmental and Landscape Values

Clause 12 of the planning scheme recognises that planning:

- should help to protect the health of ecological systems and the biodiversity they support (including ecosystems, habitats, species and genetic diversity) and conserve areas with identified environmental and landscape values.
- must implement environmental principles for ecologically sustainable development that have been established by international and national agreements.
- should protect sites and features of nature conservation, biodiversity, geological or landscape value.

Clauses of particular relevance include:

- Clause 12.01-1 Protection of biodiversity
- Clause 12.01-2 Native vegetation management

Relevance to proposal

The objectives of these clauses is considered in Section 5.

Clause 13 Environmental Risks

This clause recognises that planning should adopt a best practice environmental management and risk management approach which aims to avoid or minimise environmental degradation and hazards. This includes consideration of:

- climate change
- floodplains
- soil degradation
- salinity
- erosion and landslip
- noise and air
- air quality
- bushfire

4.4.2 Zoning

The land is zoned Public Park and Recreation Zone (PPRZ) with a small area of Public Use Zone – Service and Utility (PUZ1)

The purposes listed for this Zone include the following:

- To recognise public land use for public recreation and open space.
- To protect and conserve areas of significance where appropriate.
- To provide for commercial uses where appropriate.

Under this zone a permit is required to construct a building or construct or carry out works with a range of exemptions including:

- Pathways, trails, seating, picnic tables, drinking taps, shelters, barbeques, rubbish bins, security lighting, irrigation, drainage or underground infrastructure.
- Playground equipment or sporting equipment, provided these facilities do not occupy more than 10 square metres of parkland.
- Navigational beacons and aids.
- Planting or landscaping.
- Fencing that is 1 metre or less in height above ground level.
- A building or works shown in an Incorporated plan which applies to the land.
- A building or works carried out by or on behalf of a public land manager or Parks Victoria under the Local Government Act 1989, the Reference Areas Act 1978, the National Parks Act 1975, the Fisheries Act 1995, the Wildlife Act 1975, the Forest Act 1958, the Water Industry Act 1994, the Water Act 1989, the Marine Act 1988, the Port of Melbourne Authority Act 1958 or the Crown Land (Reserves) Act 1978

Relevance to proposal

It is considered unlikely that a permit will be required under this zone.

4.4.3 Environmental Significance Overlay – Schedule 2

The portion of the site that surrounds the Toolern Creek is subject to the Environmental Significance Overlay – Schedule 2 which relates to *Wetlands, Waterways and Riparian Strips*. The objectives of which are:

- To protect and conserve wetlands and to discourage inappropriate use and development.
- The role and function of wetlands will be taken into account in respect to any proposed use or development on or adjacent to a wetland area.
- To protect and conserve the riparian habitat and associated escarpment and to discourage inappropriate development.
- To identify, conserve and enhance the character of significant landscapes.
- To recognise areas of high fire hazard, and to ensure all development acknowledges any potential risk.

Under this overlay a permit is required to construct a building or construct or carry out works, remove, destroy or lop any vegetation including dead vegetation.

Relevance to proposal

A permit will be required under this overlay to carry out works and to remove any vegetation.

4.4.4 Heritage Overlay

Parts of the site are subject to the Heritage Overlay (HO7, 75, 81 and 84).

Relevance to proposal

It is beyond the scope of this report to determine if the proposed development and landscaping measures will be in accordance with the requirements of HO7, 81 and 84

4.5 Clause 52.17

Under Clause 52.17, a permit is required to remove, destroy or lop native vegetation on sites greater than 0.4 hectares. Clause 52.17 requires a planning permit for the removal of native vegetation (exemptions apply). The purpose of the clause (amongst others) is to minimise impacts on Victoria's biodiversity from the removal of native vegetation and to manage native vegetation to minimise land and water degradation.

Application requirements and decision guidelines are listed within the Clause. Applications may fall into a basic, intermediate or detailed assessment pathway depending on the location and extent of vegetation removed. The application requirements and decisions depend on the relevant pathway.

Relevance to proposal

Section 5 addresses the requirements of Clause 52.17.

4.6 Catchment and Land Protection Act 1994

The *Catchment and Land Protection Act 1994* (CaLP Act) intends to manage land degradation including detrimental environmental or economic impacts of declared noxious weeds and pest animals. Under section 20 of the CaLP Act, all land owners, including the Crown, public authorities and licensees of Crown lands, must, in relation to their land, take all reasonable steps to:

- avoid causing or contributing to land degradation which causes or may cause damage to land of another land owner;
- eradicate regionally prohibited weeds;
- prevent the growth and spread of regionally controlled weeds on their land;
- prevent the spread of, and as far as possible, eradicate established pest animals.

These are also provisions within the Act to prevent the spread of declared noxious weeds, through regulating the purchase, sale, possession for the purposes of sale, display, propagation or transport of these species into or within Victoria. Furthermore, under the Act it is prohibited to bring into Victoria, keep, sell or release declared pest animals without an authority (permit).

Relevance to proposal

There were three weeds declared noxious under the *Catchment and Land Protection (CaLP) Act 1994* identified on the site. Table 11 lists the declared noxious weeds observed on site.

Table 11. Declared noxious weeds occurring within the study area

Scientific Name	Common Name	Control Category (Port Phillip)
**Genista monspessulana*	Montpellier Broom	C
**Nassella trichotoma*	Serrated Tussock	C
**Oxalis pes-caprae*	Soursob	R
**Cirsium vulgare*	Spear Thistle	C
**Rosa rubiginosa*	Sweet Briar	C

Established pest animals that were observed or are likely occur at the site are listed in Table 12.

Table 12. Declared established pest animals occurring on site

Common Name	Scientific Name
Dog	**Canis lupus familiaris*
European Hare	**Lepus europaeus*
European Rabbit	**Oryctolagus cuniculus*
Red Fox	**Vulpes vulpes*

5. DEVELOPMENT IMPACTS TO ECOLOGICAL VALUES

The proposed development for Stage 1 are shown in Map 3. This shows that all the areas of impact are occurring through areas of Amenity planting except for Trees 12 and 14 (these Tree ID numbers are from the arborist report rather than the Scattered Trees listed in this report). Trees 12 and 14 are remnant trees, however the impact to their Tree Protection Zone is less than 10% so they do not require offsetting (Table 13).

Amenity plantings on public land are exempt from requiring a permit under Clause 52.17 (DELWP 2017c) and hence no offsets are required for the proposed Stage 1 development.

Table 13. Tree Protection Zone (TPZ) encroachment from Stage 1 works

Tree ID (from arborist report)	Scientific name	Common name	TPZ area (sqm)	TPZ encroachment area (sqm)	TPZ encroachment
12	*Eucalyptus camaldulensis*	River Red Gum	706.86	13.88	2%
14	*Eucalyptus camaldulensis*	River Red Gum	116.9	3.41	3%

Based on Stage 1 plans, there will be only very minimal impacts to ecological values at the site. However Tree Protection Zone fencing needs to be adhered to as specified in Section 6.1.1 and in the plan in Appendix 5.

6. RECOMMENDATIONS TO MINIMISE IMPACTS

There are a number of other mechanisms recommended for the site to minimise environmental impact, during and after the development planning and construction phases.

The entire reserve includes patches of native vegetation that are important for retention. However, in particular the following patches are identified for particular avoidance and care:

- AP 1 contains remnant Buloke, recognised as rare in Victoria.
- HZ1 aligns with the EPBC-listed community and any impacts upon it may require referral to the Commonwealth Government
- HZ2, a wetland in the north of the reserve has high habitat values and is contiguous with high quality portion of HZ1.
- Large River Red Gum trees along Toolern Creek (and throughout the site) are of high ecological significance and should not be impacted during the development. It is recommended that any of these trees which are within 15m of the proposed development are fenced to ensure no impact to their Tree Protection Zones.

6.1 General development/construction guidelines

Managing the potential impacts of construction activities is required to ensure that areas of remnant vegetation and current habitat values are protected during the construction phase.

The following guidelines are presented to assist with ensuring that retained native vegetation is not adversely affected during any construction works:

- Fencing of the vegetation to be retained/removed is to be undertaken prior to any other construction activities.
- All earthworks must be undertaken in a manner that will minimise soil erosion and adhere to Construction Techniques for Sediment Pollution Control (EPA 1991) and any exposed areas of soil must be stabilised to prevent erosion to the satisfaction of the responsible authority.
- Copies of this plan and associated maps should be provided to contractors when working on site, and preferably, have on-site supervision of work - particularly during any permitted vegetation clearance.
- Where earthmoving equipment is needed, smaller versions of equipment should be considered if they will minimise disturbance.
- Earthmoving equipment should be cleaned before entering and leaving the site, to prevent the spreading of weed propagules and pathogens such as Phytophthora *Phytophthora cinnamomi*.
- The below requirements must be observed outside of the disturbance area:
    - no vehicular access
    - the existing soil level must not be altered
    - the soil must not be compacted or the soil's drainage change
    - no fuels, oils, chemicals, poisons, rubbish and other materials harmful to trees are to be stored or dispersed

- no storage of equipment, machinery or material is to occur
- nothing whatsoever, including temporary services wires, nails, screws or any other fixing device, is to be attached to any tree
- tree roots must not be severed or injured.

6.1.1 Fencing and signage

To control development, vegetation clearance and future management requirements it is important that management zones are clearly identifiable on the ground. Temporary fencing should be erected prior to any construction activity or vegetation removal. This fencing will need to enclose the disturbance area and ensure access to areas of vegetation to be retained is not permitted.

The Tree Protection and Removals Plan produced by Urban Initiatives is provided in Appendix 5. This plan needs to be followed to protect trees from incurring any unapproved impacts.

Vegetation Protection Zones

- Vegetation protection fencing will be applied to protect Trees which will be retained on site but a close to construction works
- The fencing must be placed at a minimum distance of two (2) metres from retained native vegetation and/or at a radius of 12 x the diameter at a height of 1.3 metres to a maximum of 15 metres but no less than 2 metres from the base of the trunk of the tree.
- The fence must remain in place until all works are completed.
- This fencing is to comprise star-pickets and para-webbing that will be erected around the boundary of each zone or patch of vegetation.
- The fencing is to be installed prior to any construction activity commencing. During the time of construction, signage should be attached to the fence that identifies the area as a 'Native vegetation/Tree Protection Zone' (Figure 4).
- The star pickets will remain in place following the construction period.

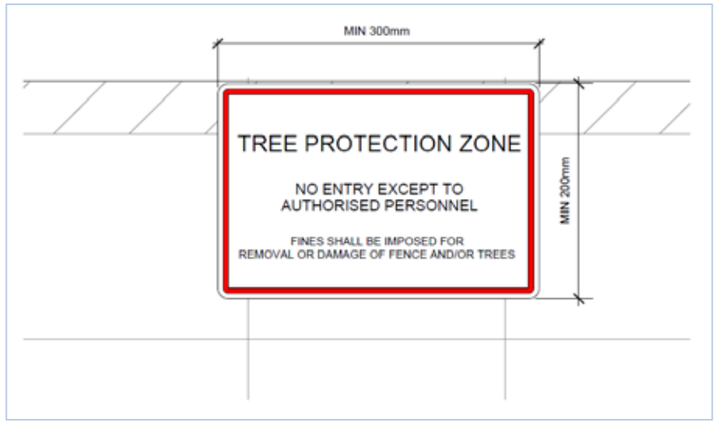


Figure 4. Example of signage for vegetation protection fencing

6.1.2 Erosion control

All construction activities on site should be conducted in a methodical and sensitive fashion in order to avoid creating erosion problems, and particularly the spread of soil into adjacent areas of native vegetation or Toolern Creek. Thus, all effort should be made to ensure that soil, debris, litter, vegetative material, weeds, nutrients or other foreign items are not transported across the site as a result of accelerated erosion due to construction activities. All earthworks must be undertaken in a manner that will minimise soil erosion and adhere to Construction Techniques for Sediment Pollution Control (EPA 1991) and any exposed areas of soil must be stabilised to prevent erosion, the satisfaction of the responsible authority.

6.2 Fauna

Effort should be made to ensure any wildlife located within any area proposed for clearing are carefully salvaged and relocated from the works areas. This should also ensure minimal wildlife damage during the works.

6.3 Revegetation

There have already been many years of revegetation and rehabilitation work undertaken within the reserve and any work in the future should utilise methods and species that have been found to be effective to date. Observation and communication with the City of Melton and onground bushland regeneration staff have informed the species lists that are provided below. However, further direction should also be sought directly from the City of Melton staff, especially for methods and trials that have been found to be successful, including direct seeding of grasses.

Indicative species for revegetation in areas near Toolern Creek (Creekline Grassy Woodland) are taken from Table 14 and for the remainder of the site (Plains Woodland), taken from Table 15.

Suitable canopy species should be chosen to replace dangerous or recently removed trees and understorey species should be planted in all locations deemed appropriate.

Table 14. Creekline Grassy Woodland revegetation list

Scientific Name	Common Name
Trees	
Eucalyptus camaldulensis	River Red Gum
Shrubs	
Acacia mearnsii	Black Wattle
Acacia melanoxylon	Blackwood
Acacia pycnantha	Golden Wattle
Bursaria spinosa	Sweet Bursaria
Banksia marginata	Silver Banksia
Melicytus dentatus	Tree Violet
Enchylaena tomentosa	Ruby Saltbush
Indigofera australis	Austral Indigo
Grasses	
Austrostipa elegantissima	Elegant Spear-grass
Austrostipa rudis	Veined Spear-grass

Austrostipa scabra	Rough Spear-grass
Dichelachne crinita	Long-hair Plume-grass
Microlaena stipoides	Weeping Grass
Poa labillardierei	Common Tussock-grass
Rytidosperma caespitosum	Common Wallaby-grass
Rytidosperma geniculatum	Kneed Wallaby-grass
Rytidosperma racemosum	Slender Wallaby-grass
Themeda triandra	Kangaroo Grass
Rushes, sedges and lilies	
Carex appressa	Tall Sedge
Carex tereticaulis	Poong'ort
Dianella admixta	Black-anther Flax-lily
Juncus spp.	Rush
Herbs and climbers	
Arthropodium strictum	Chocolate Lily
Centella cordifolia	Swamp Pennywort
Clematis microphylla	Small-leaved Clematis
Dichondra repens	Kidney Weed
Gonocarpus tetragynus	Common Raspwort
Hydrocotyle laxiflora	Stinking Pennywort
Rubus parvifolius	Small-leaf Bramble
Viola hederacea	Native Violet
Wahlenbergia communis	Tufted Bluebell
Wahlenbergia gracilis	Sprawling Bluebell

Table 15. Plains Woodland revegetation list

Scientific name	Common Name
Trees	
Allocasuarina luehmannii	Buloke
Allocasuarina verticillata	Drooping Sheoak
Eucalyptus leucoxylon	Yellow Gum
Eucalyptus melliodora	Yellow Box
Eucalyptus microcarpa	Grey Box
Shrubs	
Acacia acinacea	Gold-dust Wattle
Acacia pycnantha	Golden Wattle
Atriplex semibaccata	Berry Saltbush
Einadia nutans	Nodding Saltbush
Enchylaena tomentosa	Ruby Saltbush
Goodenia ovata	Hop Goodenia
Melaleuca lanceolata	Moonah
Melicytus dentatus	Tree Violet
Rhagodia parabolica	Fragrant Saltbush
Grasses, sedges, lilies	
Austrostipa bigeniculata	Double-jointed Spear-grass

Scientific name	Common Name
Austrostipa scabra	Rough Spear-grass
Dianella admixta	Black-anther Flax-lily
Lomandra longifolia	Spiny-headed Mat-rush
Rytidosperma setaceum	Bristly Wallaby-grass

6.3.1 Revegetation establishment recommendations

It is recommended that any vegetation utilising local indigenous species is to be established by:

- indigenous seed or seedlings sourced from at least ten parent plants from within viable populations matched to the site in terms of soil type, altitude, topography, aspect and climate and located within 25 kilometres of the site and within the same bioregion (Victorian Volcanic Plain); OR

- if the above requirements cannot be met, all vegetation is to be established from available indigenous seed and seedlings sourced from more than one parent plant from a viable population as close as possible to the site.

After planting, the area should be mulched. It would also be beneficial to install tree guards around trees and large shrubs. Watering should occur at time of planting and as required over the first three months of establishment. Watering is recommended to occur in times of lower than average rainfall within the first two years.

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Appendix 1. Flora recorded in study area

Flora species recorded in the study area during fieldwork.
* denotes exotic species # denotes native species extended beyond natural range

Family	Origin	Scientific Name	Common Name	EPBC	FFG	VROT
Monocotyledons						
Cyperaceae	*	*Cyperus eragrostis*	Drain Flat-sedge			
Hemerocallidaceae		*Dianella admixta*	Black-anther Flax-lily			
Poaceae		*Austrostipa scabra*	Rough Spear-grass			
Poaceae	*	*Cenchrus clandestinus*	Kikuyu			
Poaceae	#	*Dichanthium sericeum subsp. sericeum*	Silky Blue-grass			
Poaceae	*	*Ehrharta erecta var. erecta*	Panic Veldt-grass			
Poaceae	*	*Ehrharta longiflora*	Annual Veldt-grass			
Poaceae	*	*Holcus lanatus*	Yorkshire Fog			
Poaceae	*	*Nassella trichotoma*	Serrated Tussock			
Poaceae	*	*Paspalum distichum*	Water Couch			
Poaceae	*	*Phalaris aquatica*	Toowoomba Canary-grass			
Poaceae		*Phragmites australis*	Common Reed			
Poaceae		*Rytidosperma racemosum var. racemosum*	Slender Wallaby-grass			
Poaceae		*Rytidosperma sp.*	Wallaby Grass			
Poaceae		*Themeda triandra*	Kangaroo Grass			
Poaceae		*Poa labillardierei*	Common Tussock-grass			
Dicotyledons						
Asteraceae	*	*Arctotheca calendula*	Cape weed			
Asteraceae	*	*Cirsium vulgare*	Spear Thistle			
Asteraceae	*	*Helminthotheca echioides*	Ox-tongue			
Asteraceae	*	*Lactuca serriola*	Prickly Lettuce			
Asteraceae	*	*Sonchus oleraceus*	Common Sow-thistle			
Asteraceae	*	*Taraxacum officinale spp. agg.*	Garden Dandelion			
Boraginaceae		*Cynoglossum sp.*	Hound's Tongue			
Casuarinaceae		*Allocasuarina luehmannii*	Buloke		L	en
Chenopodiaceae		*Enchylaena tomentosa var. tomentosa*	Ruby Saltbush			
Chenopodiaceae	#	*Rhagodia parabolica*	Fragrant Saltbush			r
Convolvulaceae		*Dichondra repens*	Kidney-weed			
Fabaceae		*Indigofera australis subsp. australis*	Austral Indigo			
Fabaceae	*	*Trifolium repens var. repens*	White Clover			
Goodeniaceae		*Goodenia ovata*	Hop Goodenia			
Malvaceae	*	*Malva parviflora*	Small-flower Mallow			

Mimosaceae		*Acacia acinacea s.l.*	Gold-dust Wattle			
Mimosaceae	*	*Acacia baileyana*	Cootamundra Wattle			
Mimosaceae		*Acacia implexa*	Lightwood			
Mimosaceae		*Acacia mearnsii*	Black Wattle			
Mimosaceae		*Acacia melanoxylon*	Blackwood			
Mimosaceae		*Acacia paradoxa*	Hedge Wattle			
Mimosaceae		*Acacia pycnantha*	Golden Wattle			
Myrtaceae	#	*Corymbia maculata*	Spotted Gum			vu
Myrtaceae	*	*Eucalyptus lehmannii*	Bushy Yate			
Myrtaceae		*Eucalyptus melliodora*	Yellow Box			
Myrtaceae		*Eucalyptus microcarpa*	Grey Box			
Myrtaceae		*Eucalyptus sideroxylon subsp. sideroxylon*	Mugga			r
Myrtaceae		*Melaleuca lanceolata*	Moonah			
Oleaceae	*	*Fraxinus angustifolia subsp. angustifolia*	Desert Ash			
Oxalidaceae		*Oxalis perennans*	Grassland Wood-sorrel			
Plantaginaceae	*	*Plantago coronopus*	Buck's-horn Plantain			
Plantaginaceae	*	*Plantago lanceolata*	Ribwort			
Polygonaceae		*Duma florulenta*	Tangled Lignum			
Proteaceae	#	*Grevillea rosmarinifolia*	Rosemary Grevillea			infra
Rosaceae	*	*Crataegus monogyna*	Hawthorn			
Rosaceae	*	*Rosa rubiginosa*	Sweet Briar			
Salicaceae	*	*Salix babylonica s.l.*	Weeping Willow			
Sapindaceae		*Dodonaea viscosa subsp. cuneata*	Wedge-leaf Hop-bush			
Solanaceae		*Nicotiana suaveolens*	Austral Tobacco			r
Solanaceae		*Solanum laciniatum*	Large Kangaroo Apple			
Violaceae		*Melicytus dentatus s.l.*	Tree Violet			

Appendix 2. Potentially occurring significant flora species

Conservation status under EPBC Act 1999:
EX: Extinct, CR: Critically endangered, EN: Endangered, VU: Vulnerable and CD: Conservation dependant

Conservation status under FFG Act 1988:
L: Listed, N: Nominated, X: Rejected, D: Delisted

Victorian Rare or Threatened Species (VROT) (DEPI 2014)
x: Presumed extinct, e: Endangered, v: Vulnerable, r: rare and k: poorly known

EPBC	FFG	VROT	Scientific name	Common name	Habitat/species notes	Last record	No. recs	Likelihood occurrence	Likelihood Reasoning
	L	en	*Allocasuarina luehmannii*	Buloke	Usually growing in woodland with Eucalyptus microcarpa, on inland slopes-plains (wheat/sheep country) especially on non-calcareous sandy clays, and sometimes between mallee sandhills; flowers September -November (Walsh and Entwisle 1996, p. 93) (Costermans 2010).	1/02/2007	2	High	Species present on site (some remnant and some planted)
E	L	en	*Diuris basaltica*	Small Golden Moths	Extremely rare on basalt plains grassland immediately to the west of Melbourne. This critically endangered species has lost most of its habitat to agriculture and urbanisation. Flowers Sep.-Oct. (Udovicic 2014)	8/10/1996	1	Low	Site is highly disturbed and well studied. This species is not known to exist within the study site.
		k	*Lepidium pseudohyssopifolium*	Native Peppercress	Uncommon plant, most recent reports from heavy soils of the Murray River floodplain in the far north-west (Walsh and Entwisle 1996, p. 421).	17/11/2011	1	Low	Outside of primary range and few local records.
		r	*Nicotiana suaveolens*	Austral Tobacco	Widespread, particularly in drier inland areas, often in rocky places (Walsh and Entwisle 1999, p. 339).	1/12/2009	1	High	Species present on site, but most occurrences are likely to have been planted
	L	en	*Cullen parvum*	Small Scurf-pea	A Nationally Endangered species known in Victoria from a few localities, in north central and south central areas where it grows mainly in grassland or grassy woodland. Flowers mainly October to January (Walsh and Entwisle 1996).	2/02/2012	5	Low	Site is highly disturbed and well studied. This species is not known to exist within the study site.
		r	*Rhagodia parabolica*	Fragrant Saltbush	In Victoria confined to few steep rocky slopes and broad ridges between Sunbury and Geelong (e.g. Jacksons creek, Long Forest, Werribee Gorge, Steiglitz, Buckley's Falls on the Barwon River) (Walsh and Entwisle 1996, p. 158).	1/12/2009	4	High	Species present on site, but most occurrences are likely to have been planted

EPBC	FFG	VROT	Scientific name	Common name	Habitat/species notes	Last record	No. recs	Likelihood occurrence	Likelihood Reasoning
		k	*Desmodium varians*	Slender Tick-trefoil	An uncommon species mostly from inland parts of Eastern Victoria where found mainly in woodland and open-forest (Walsh and Entwisle 1996).	24/03/2010	1	Low	Site likely too disturbed to provide habitat for species
		k	*Alternanthera sp. 1 (Plains)*	Plains Joyweed	Found in Murray Mallee, Riverina, Midlands, Victorian Volcanic Plains and also NT, SA, QLD and NSW. Occurs chiefly on clayey, often gilgai, soils of the Riverina and closely adjacent areas, also on drier clays and clay-loams derived from basalt in the Keilor-Werribee-Bacchus Marsh area. Flowers October to March (Walsh and Entwisle 1996, p. 214).	1/12/2009	2	Low	Site likely too disturbed to provide habitat for species
	L	vu	*Acacia rostriformis*	Bacchus Marsh Wattle	Formerly Acacia verniciflua (Bacchus Marsh variant). Damp valley sclerophyll forests, open, low grassy forest, but also dry open, or Montane forest, often in sandy or rocky soil (Australian Plants Society Maroondah 2001; Walsh and Entwisle 1996, p. 618).	1/02/2007	1	Low-moderate	Low numbers of local species and a relatively disturbed site.
		r	*Geranium sp. 3*	Pale-flower Crane's-bill	Open, grassy areas of dry woodland to forest, northern outskirts of Melbourne (Eltham, Yan Yean), and in central western Victoria (Stawell)(Walsh and Entwisle 1999, p. 225)	17/11/2011	1	Low	Site likely too disturbed to provide habitat for species
		vu	*Dianella sp. aff. longifolia (Benambra)*	Arching Flax-lily	Occasional, and rarely common in dryish forest and Themeda grassland, sometimes forming colonies through spreading rhizomes (Walsh and Entwisle 1999, pp. 649-50).	17/11/2011	3	Low	Site is highly disturbed and well studied. This species is not known to exist within the study site.
		r	*Dichondra sp. 1*	Silky Kidney-weed		17/11/2011	1	Low	Site likely too disturbed to provide habitat for species

Appendix 3. Potentially occurring significant fauna species

Treaty
JAMBA / CAMBA, ROKAMBA and/or Bonn Convention Listed Species
EPBC Act 1999 conservation status
EX: Extinct, CR: Critically endangered, EN: Endangered, VU: Vulnerable and CD: Conservation dependant.

FFG Act 1988 status
L: Listed, N: Nominated, X: Invalid, ineligible or delisted
Victorian Rare or Threatened Species (VROTS) (DSE 2013)
EX: Extinct, RX: Regionally Extinct, WX: Extinct in the Wild,
CR: Critically Endangered, EN: Endangered, VU: Vulnerable, NT: Near Threatened, DD: Data Deficient

Treaty	EPBC	FFG	VROTS	Scientific name	Common name	Habitat/species notes	Last record	No. recs.	Likelihood occurrence	Likelihood Reasoning
	CR	L	cr	*Pedionomus torquatus*	Plains-wanderer	Main distribution is within the Riverina of NSW, patchy elsewhere, and only occurring in small numbers in northern Victoria. Inhabits open grasslands with preference towards Danthonia and Stipa species. However, vegetation structure is more important than floristic composition. Does not occur in dense grasslands and woodlands (Marchant and Higgins 1993; Pizzey and Knight 2007).	25/04/1933	2	Low	Site does not contain preferred habitat
			nt	*Phalacrocorax varius*	Pied Cormorant	This species is most often found along the coast, however are known to use inland wetlands including billabongs, deep and open swamps and rivers (large freshwater and saline wetlands). They nest in colonies, building platforms nests in mangroves or other trees (Marchant and Higgins 1990; Pizzey and Knight 2007).	11/03/2003	1	Low	Site does not contain preferred habitat

Treaty	EPBC	FFG	VROTS	Scientific name	Common name	Habitat/species notes	Last record	No. recs.	Likelihood occurrence	Likelihood Reasoning
B2H,R,J,C			nt	*Gallinago hardwickii*	Latham's Snipe	Latham's Snipe is a migratory species. The species migrates to Victoria from breeding grounds in Japan. In Victoria this species is widely distributed in a range of habits including heavily vegetated freshwater swamps, and pools or ditches in heaths or subalpine herblands (Pizzey and Knight 2007). Also occurs in small ephemeral wetlands such as wet depressions after floods recede. Generally roosts in thick vegetation during the day, sometimes under shrubs away from wetlands, and will feed in swamps at night. They are occasionally seen feeding during the day. This species feeds by probing in soft mud and rarely moves far from concealing vegetation (Higgins and Davies 1996).	6/01/2008	1	Medium	Potential to utilise habitat on site
C,J		L	vu	*Ardea modesta*	Eastern Great Egret	Eastern Great Egret is widespread in Australia and has been observed in a wide range of wetland habitats including swamps and marshes, margins of rivers and lakes, damp or flooded grasslands, pastures or agricultural land, reservoirs, sewage treatment ponds, drainage channels, salt pans and salt lakes, salt marshes, estuarine mudflats, tidal streams, mangrove swamps, coastal lagoons and offshore reefs (DEWHA 2010).	2/03/2008	3	Medium	Potential to utilise habitat on site
			nt	*Nycticorax caledonicus hillii*	Nankeen Night Heron	The Nankeen Night Heron has a widespread distribution in wetlands throughout Australia, particularly in the north, south, and southwest. This species inhabits shorelines of lakes, rivers, estuaries, terrestrial wetlands and grasslands, particularly those sheltered by tall ground vegetation and/or trees, with shallow, slow-moving water. Breeds in colonies, usually in the crown or canopy of trees, in forks or on horizontal boughs; also in reed beds or atop shrubs. In Victoria, most numerous in the Murray River region, and in smaller numbers in more coastal/near-coastal regions (Marchant and Higgins 1990; Pizzey and Knight 2007).	6/02/1988	1	Medium	Potential to utilise habitat on site

Treaty	EPBC	FFG	VROTS	Scientific name	Common name	Habitat/species notes	Last record	No. recs.	Likelihood occurrence	Likelihood Reasoning
		L	en	*Stictonetta naevosa*	Freckled Duck	Found in terrestrial wetlands with shallow productive waters or soft mud at wetland edges. In breeding range (Lake Eyre and Murray-Darling Basin) found in densely vegetated waters, particularly flood water swamps and creeks vegetated with lignum. In coastal region , prefers swamps and lakes with dense thickets of Melaleuca, Casuarina or Leptospermum (Marchant and Higgins 1990).	18/01/1987	1	Low	Site does not contain preferred habitat
		L	en	*Oxyura australis*	Blue-billed Duck	This species inhabits deep, permanent, well-vegetated swamps, but at times (especially in winter) may occur in large numbers on large open wetlands. The Blue-billed Duck catches food while diving or occasionally by feeding from the water surface. Their nests are built on trampled swamp vegetation around the base of established stands of reeds/rushes, often over water or on small islands (Marchant and Higgins 1990; Pizzey and Knight 2007).	18/01/1987	1	Low	Site does not contain preferred habitat
			nt	*Circus assimilis*	Spotted Harrier	This species occurs in open grasslands, open shrublands, saltbush, open woodlands, crops and similar low vegetation that allows hunting. Their stick nests are built in low trees (Pizzey and Knight 2007).	9/02/1986	1	Low	Unlikely to utilise site
C		L	vu	*Haliaeetus leucogaster*	White-bellied Sea-Eagle	Occurs along the coast (especially the forested coasts of the East Gippsland Plains), on coastal islands, around coastal lakes and along some inland rivers and lakes. Catches prey on, or near the water's surface and also takes refuse from fishing boats. On land they feed from the ground on carrion or occasionally catch live prey. Builds stick-nests in tall eucalypts, particularly River Red Gum, Forest Red Gum and Southern Mahogany. Clearing of forests and woodlands along the coast, near coastal lakes, and along the Murray River, threatens this species. In the Gippsland Lakes region more than half of the known nest sites are on private lands (DSE 2003). Occurs across a range of forests and woodlands throughout Victoria (DSE 2003).	10/06/2006	2	Low	Site does not contain preferred habitat

Treaty	EPBC	FFG	VROTS	Scientific name	Common name	Habitat/species notes	Last record	No. recs.	Likelihood occurrence	Likelihood Reasoning
			vu	*Falco subniger*	Black Falcon	The Black Falcon has a stronghold in inland Australia. Most Victorian records come from the lowlands and only occasionally from the foothills. It occurs mainly over croplands, grasslands and wooded farmlands. To catch flushed prey, they sweep low over croplands and grasslands and are often attracted by smoke from grassfires and late-summer burning off. This species nests in trees in old stick-nests of other birds (Marchant and Higgins 1993; Pizzey and Knight 2007).	18/02/2000	1	Low	Unlikely to utilise site
	E	L	en	*Lathamus discolor*	Swift Parrot	The Swift Parrot is a winter migrant to Victoria (Swift Parrot Recovery Team 2001). They arrive from their breeding areas in Tasmania, however small numbers of non-breeding birds may remain here during summer (Higgins 1999; Swift Parrot Recovery Team 2001). They are nomadic, and follow the flowering of trees and psyllid infestations. In Victoria their distribution is centered on box-ironbark forests, but they are often seen in town parks and occur sporadically elsewhere in dry forests, dry woodlands and wooded farmlands. They are seldom seen in treeless areas, rainforests or wet forests (Higgins 1999; Pizzey and Knight 2007). Feed mainly in winter-flowering plants, especially Red Ironbarks and ornamental trees and shrubs (Higgins 1999; Swift Parrot Recovery Team 2001).	22/03/2008	4	Medium	Potential to utilise habitat on site

Treaty	EPBC	FFG	VROTS	Scientific name	Common name	Habitat/species notes	Last record	No. recs.	Likelihood occurrence	Likelihood Reasoning
			nt	*Todiramphus pyrropygia pyrropygia*	Red-backed Kingfisher	An Australian endemic, the Red-backed Kingfisher is a summer migrant to northern Victoria from wintering grounds in the arid interior. Usually observed in dry woodlands and River Red Gum forest margins of the Murray River Valley, sporadic sightings elsewhere generally occur in dry forests, dry woodlands and mallee scrub remnants. Rarely seen south of the Great Divide. They pounce upon prey from elevated perches such as tree limbs or overhead wires. They usually dig nesting burrows in cliffs and creek banks but occasionally nest in hollow limbs in trees (Higgins 1999; Pizzey and Knight 2007).	17/06/1986	1	Low	Unlikely to utilise site
	L	vu		*Chthonicola sagittatus*	Speckled Warbler	Mainly grassy ground layer of dry sclerophyll forests and woodlands, often with scattered shrubs in under-storey.Mainly found in forests dominated by eucalyptus, especially box-ironbark forests and woodlands e.g. near Chiltern, NE. Victoria. found near Bendigo recorded in red Stringybark, red box and long leaved box with a grassy ground layer and well-spaced shrubs in understorey, but not in red ironbark or yellow gum forests. Occasionally occur in mallee habitats, sometimes with native pine; in Victoria, mostly confined to N. foothills of great divide but scattered on S. slopes of great divide (Higgins and Peter 2002).	8/06/1960	1	Low	Site does not contain preferred habitat
	L	nt		*Stagonopleura guttata*	Diamond Firetail	Inhabit woodlands, open forests and other lightly timbered habitats, such as farmland with remnant trees, or grasslands with scattered trees. Often occurs in vegetation along watercourses and very occasionally near settlements. Habitat usually has open or sparse understorey of shrubs, small trees or regrowth, and grass ground cover (Higgins, Peter and Cowling 2006).	8/05/1990	4	Low	Site likely to close to urbanisation for species

Treaty	EPBC	FFG	VROTS	Scientific name	Common name	Habitat/species notes	Last record	No. recs.	Likelihood occurrence	Likelihood Reasoning
		L	en	*Pseudophryne bibronii*	Brown Toadlet	Frequent dry forest, woodland, shrubland and grassland, sheltering under leaf-litter and other debris in moist soaks and depressions. Eggs are spawned in shallow burrows (or nets) under litter, in low areas, near water, that will later be flooded. Tadpoles are aquatic in ponds, flooded grassland and roadside ditches (Hero, Littlejohn and Marantelli 1991).	4/04/2004	1	Medium	Potential to utilise habitat on site
	V	L	en	*Litoria raniformis*	Growling Grass Frog	The species often inhabits water bodies with a diverse assemblage of aquatic vegetation, including emergent species such as sedges (Gahnia spp.), submergent species such as curly pondweed (Potamogeton spp.), floating species such as water ribbon (Triglochin spp.) and filamentous algae (Hamer and Organ 2006; Heard, Robertson and Scroggie 2004). The aquatic vegetation provides sites for male frogs to call from, sites for eggs to be deposited and relatively safe development, and food and shelter for tadpoles. Dense submergent vegetation is especially important to protect eggs and tadpoles from predation (Heard, Robertson and Scroggie 2004). However, it is also known to occur in ditches, dams and swamps or sheltering under discarded debris near those sites (Tyler and Knight 2009, pp. 38–39).	01/01/1788	1	Medium	Potential to utilise habitat on site

Appendix 4. Maps

Maps commence on following page.



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Legend

- Subject site
- Parcels
- Contours (10m)
- Natural watercourse

Details
Date: 1/05/2018
Version: 1

Data Source: Aerial photography from Nearmap (March 2017).
Base map data Copyright © The State of Victoria.

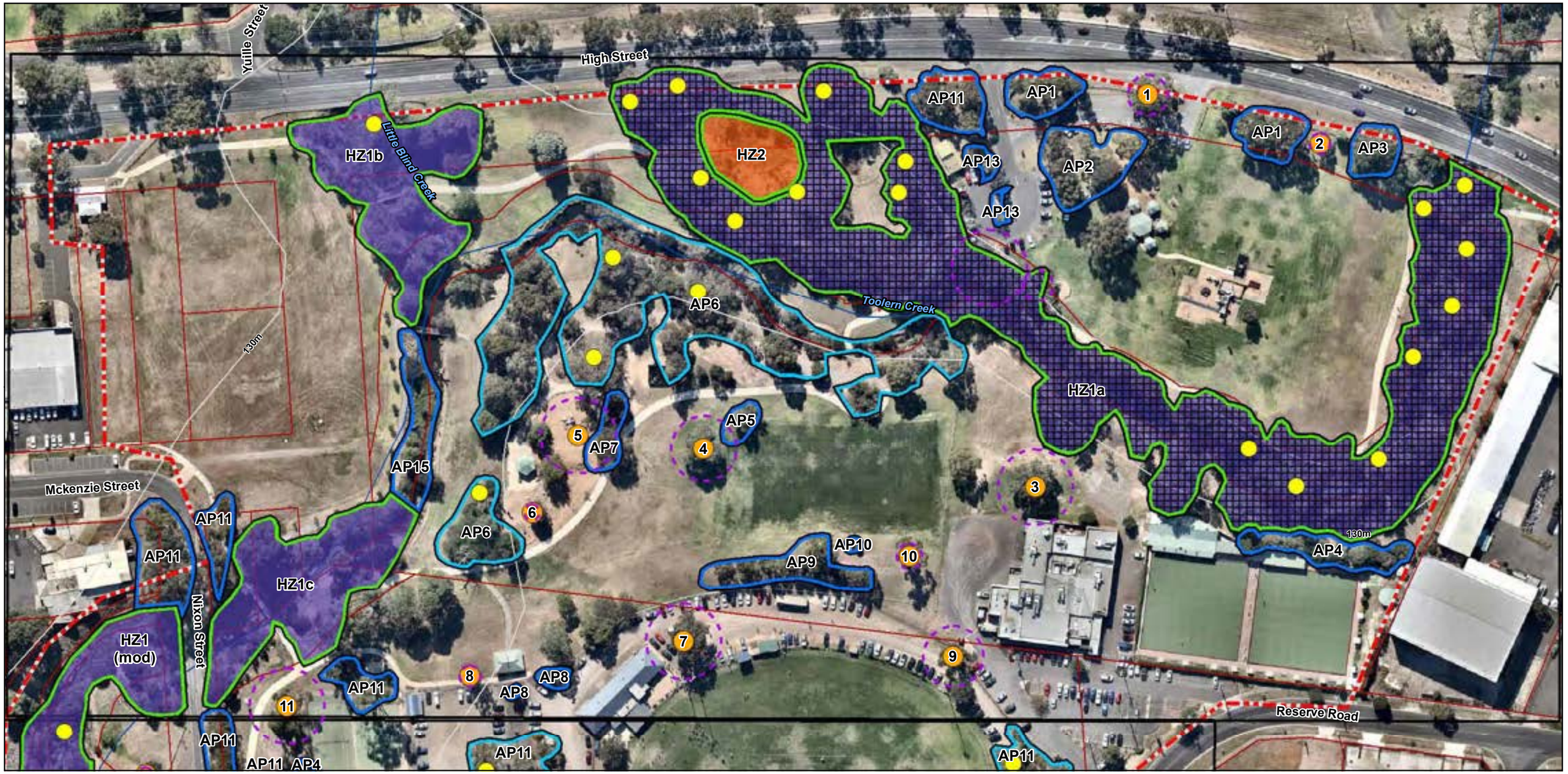
Map 1. Subject site

Hannah Watts Reserve, Melton

N

0 25 50 m

Scale 1:3,000 (Page size A3)



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Legend

- Subject site
- Map index
- Parcels
- Contours (10m)
- Natural watercourse

Trees

- Scattered Tree
- Large Tree (Victorian native)
- Tree Protection Zone
- Amenity planting
- Amenity planting with large trees
- Habitat Zone (remnant vegetation)
- EVC 55: Creekline Grassy Woodland
- EVC 821: Tall Marsh
- EPBC Act listed community: Grassy Eucalypt Woodland

Details
Date: 10/09/2018
Version: 1

Data Source: Aerial photography from Nearmap (March 2018).
Base map data Copyright © The State of Victoria.

Map 2. Ecological values

Hannah Watts Reserve, Melton

N

0 25 50m

Scale 1:1,550 (Page size A3)



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Legend

- Subject site
- Map index
- Parcels
- Contours (10m)
- Natural watercourse

Trees

- Scattered Tree
- Large Tree (Victorian native)
- Tree Protection Zone
- Amenity planting
- Amenity planting with large trees
- Habitat Zone (remnant vegetation)
- EVC 55: Creekline Grassy Woodland
- EVC 821: Tall Marsh
- EPBC Act listed community: Grassy Eucalypt Woodland

Details
Date: 10/09/2018
Version: 1

Data Source: Aerial photography from Nearmap (March 2018).
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Map 2. Ecological values

Hannah Watts Reserve, Melton

N

0 25 50 m

Scale 1:1,650 (Page size A3)



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Legend

- Subject site
- Parcels
- Contours (10m)
- Natural watercourse

Trees

- Scattered Tree
- Large Tree (Victorian native)
- Trees with TPZ encroachment (numbering from arborist report)
- Tree Protection Zone
- TPZ encroachment

Habitat Zones

- Amenity planting
- Amenity planting with large trees
- Habitat Zone (remnant vegetation)

Details
Date: 23/08/2018
Version: 1

Data Source: Aerial photography from Nearmap (March 2017).
Base map data Copyright © The State of Victoria.

Map 3. Proposed development

Hannah Watts Reserve, Melton
Stage 1

N

0 25 50 m

Scale 1:850 (Page size A3)

Appendix 5. Tree Removal Plan



TREE PROTECTION & REMOVALS

- EXISTING TREE TO BE RETAINED & PROTECTED
- 101 EXISTING TREE TO BE REMOVED
- TREE PROTECTION ZONE (TPZ)
- TREE PROTECTION FENCE
- CHMP 'NO-GO' ZONE & TEMPORARY FENCING - REFER NOTES.
- PROPOSED TREE PROTECTION ZONE INTRUSIONS

TREE NUMBER	SPECIES NAME	COMMON NAME	ARBORICULTURAL VALUE
101	Elaeocarpus reticulatus	Blueberry Ash	None
102	Hymenosporum flavum	Native Frangipani	None
103	Elaeocarpus reticulatus	Blueberry Ash	None
104	Elaeocarpus reticulatus	Blueberry Ash	None
105	Eucalyptus mannifera	Red Spotted Gum	Low-Moderate
106	Elaeocarpus reticulatus	Blueberry Ash	None
107	Elaeocarpus reticulatus	Blueberry Ash	None
108	Elaeocarpus reticulatus	Blueberry Ash	Low
109	Elaeocarpus reticulatus	Blueberry Ash	Low
110	Elaeocarpus reticulatus	Blueberry Ash	Low

NOTE:
Tree numbers, species information and arboricultural value from *Arboricultural Assessment & Report* prepared by *Glenn Waters Arboriculture* (June 2018)

CULTURAL HERITAGE MANAGEMENT PLAN 'NO GO' ZONE:

TEMPORARY FENCING (STAR PICKET AND FLAGGING) MUST BE ESTABLISHED TO DELINEATE A 'NO-GO ZONE' ALONG THE EDGE OF THE SOUTHERN FOOTPATH OF THE ACTIVITY AREA, CREATING A PHYSICAL BARRIER BETWEEN THE FOOTPATH AND TOOLERN CREEK. THE FENCE MUST BE CONSTRUCTED IN THIS SECTION OF THE ACTIVITY AREA *PRIOR* TO THE COMMENCEMENT OF CONSTRUCTION WORKS AND REMAIN IN PLACE FOR THE DURATION OF WORKS. THE LOCATION OF THE PROPOSED FENCING IS DEPICTED IN MAP 9.

- CONSTRUCTION OF THE FENCING MUST BE SUPERVISED BY A HERITAGE ADVISOR AND A REPRESENTATIVE OF THE RAP, AND MAINTAINED TO AN EFFECTIVE STANDARD FIT FOR PURPOSE.

- SIGNAGE DESIGNATING THE AREA AS A 'NO-GO ZONE' MUST REMAIN IN PLACE DURING THE COURSE OF THE ACTIVITY AND MAINTAINED TO AN EFFECTIVE STANDARD FIT FOR PURPOSE FOR THE DURATION OF WORKS

- THE 'NO GO ZONE' FENCING MUST NOT BE REMOVED UNTIL ALL WORKS ARE COMPLETED TO THE SATISFACTION OF THE SUPERINTENDENT.

- ANY CULTURAL HERITAGE MATERIAL UNCOVERED DURING FENCING CONSTRUCTION WILL TRIGGER THE CONTINGENCY FOR THE UNEXPECTED DISCOVERY OF CULTURAL HERITAGE.

- THE INSTALLATION OF THE 'NO-GO FENCING' MUST BE SUBJECTED TO A COMPLIANCE INSPECTION BY THE RAP TO ENSURE COMPLIANCE WITH THE CHMP. WURUNDJERI (WLACCHCAC) REPRESENTATIVES ATTENDING COMPLIANCE INSPECTIONS MUST COMPLY WITH ALL OCCUPATIONAL HEALTH AND SAFETY CONDITIONS APPLICABLE TO THE ACTIVITY AREA.

A WORKER REQUEST FORM MUST BE FILLED OUT AND SENT TO THE WURUNDJERI COUNCIL (WLACCHCAC) TO BOOK A WURUNDJERI REPRESENTATIVE IN FOR EACH INSPECTION.

A WURUNDJERI (WLACCHCAC) REPRESENTATIVE WILL CONDUCT THE INSPECTION AND WHERE NECESSARY FILL OUT THE CULTURAL HERITAGE MANAGEMENT PLAN COMPLIANCE CHECKLIST ATTACHED IN THIS CHMP. IF THE INSPECTION REVEALS SUSPECTED NON-COMPLIANCE OF THE CHMP, THEN THE PROCEDURE OUTLINED IN THE CONTINGENCIES WILL BE INITIATED. IF THE INSPECTION REVEALS A SUSPECTED BREACH OF THE VICTORIAN *ABORIGINAL HERITAGE ACT* 2006 THEN THESE ACTIONS MUST BE REPORTED TO ABORIGINAL VICTORIA (AV) IMMEDIATELY AND AN INSPECTOR MAY BE CALLED OUT AND/OR A STOP ORDER MAY BE ISSUED BY AV.

THIS PROCEDURE MUST BE ORGANISED AND PAID FOR BY THE SITE CONTRACTORS AND/OR SPONSOR.

NOTES:

TREE NUMBER & ARBORICULTURAL VALUE TAKE FROM *ARBORICULTURAL ASSESSMENT & REPORT - HANNAH WATTS PARK, MELTON - STAGE 1*A, PREPARED BY *GLENN WATERS ARBORICULTURE*

FOR TENDER

urban initiatives
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Client
Client Name

Consultants
Lighting & Electrical: Webb Australia (9652 0333)
Irrigation: TenBuuren Irrigation Design (9729 4199)
Other 3

Notes

No.	Date	REVISION	By

No.	Date	ISSUE	By
1	27/7/18	TENDER ISSUE	TB

Dwg Date: Date
Plot Date: 22/8/18
Drawn By TB
Checked By TH
CAD File Name 18017 Hannah Watts Park Plans_PROJECT FILE.vwx

North
Scale 1:400 @ A1
ORIGINAL DRAWING AT A1 SIZE. A4 REDUCTION: 35.35%.

Project No. 18017
Hannah Watts Park - Stage 1
Hannah Watts Park
Melton Vic

Drawing No. LD02 **Rev #** A **Status.** OF 1
Drawing Name.
Tree Removal and Protection Plan

LANDSCAPE ARCHITECTS & URBAN DESIGN CONSULTANTS

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1.3 APPENDIX 03 - SPORTS CLUB CONSULTATION & PAVILION REQUIREMENTS

Hannah Watts Park Precinct Development Plan

Sports Club Consultation

Meeting: 4 May 2018
Clubs: Melton South Junior Football Club
Melton South Football Club

Club Profile and Reserve Usage
Melton South Junior Football Club

Profile: Approx. 300 players
Football: 1 x U9, 1 x U11, 1 x U13, 1 x U15, 1 x U17.5 – all boy's teams, no girl's teams
Netball: 1 x U11, 1 x U13, 1 x U15, 1 x U17
Auskick: 40 boys, 14 girls
Club is affiliated with the Riddell District Junior Football League

Number of players has plateaued in the past 5 years, and before that period the Club previously had two football and netball teams in most age groups. Main reason for decline is the population in central Melton area has aged, and there are now three junior football-netball clubs

Usage: Training – Tuesday, Wednesdays (Superules), Thursdays
Matches on Saturdays
Auskick early Friday evening

Melton South Football Club (club formed in 1973)

Profile: Approx. 150 players
Football: Seniors, Reserves & U18s, and 2 Superules teams (35 yrs & 45 yrs)
Netball: 6 teams – A, B, C, D & E Grade, and 1 x U19 (Saturday teams) and 4 other teams that play in
Club is affiliated with the Ballarat Football League and the Victorian Country Masters Australian Football League

Number of players has increased in the past 5 years, mainly in the Superules teams

Usage: Training – Mondays, Wednesdays, Thursdays & Fridays
Matches on Saturdays and Sundays (Superules)

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Office 1, 655 Nepean Highway Brighton East Victoria 3187 M 0458 957 824 E richard@simonleisure.com W www.simonleisure.com

Issues and Opportunities

The following issues and opportunities generally impact and are shared by both clubs:

Pavilion
1. Poor quality home and away change rooms (size, condition, amenities are non-compliant)
2. No female change rooms for netballers or female footballers (netball change rooms are being installed this season adjacent to the new court)
3. Umpires change rooms are small, the amenities are non-compliant, and they do not accommodate males and females concurrently
4. Lack of storage
5. Social room is in good condition, however, the canteen/ kitchen is too small, and the bar and food serving share the same servery

Netball Courts
6. One netball court is inadequate to accommodate demand (the other two existing courts are in poor condition)
7. Netball floodlighting needs upgrading
8. Ongoing conflict with the skate park users (vandalism, rubbish/ litter on the courts)

Football Oval
9. Oval is orientated east-west for football (brings the hard wicket into play as a '25m barrier' across the middle of the ground)
10. Goal to goal is 150m in length, which is on the small side for senior footballers
11. Condition of the oval surface is poor
12. Club's preferred position is for the ground to be reconstructed as a north-south oval of dimensions 165m x 130m, with a new pavilion on one of the wings (preferred east side)
13. Current goal and behind posts are too short
14. Additional spectator shelter is required
15. Public toilet is a portable building

Other
16. Junior Club has an opportunity to relocate to another reserve south of the highway, which both clubs support – takes the junior club to a growth area of the township
17. Car parking is generally adequate for the 500-1,000 people crowds (most park around the oval), however, the road network is poor. Currently, the netballers and playground users need to cross the reserve access road (safety issues)
18. There is ongoing conflict with the skate park users – prefer that the skate park not be floodlit
19. Senior Club has an aspiration to play night games
20. Reserve perimeter fence is required to be retained

Meeting: 10 May 2018
Club: Melton South Cricket Club

Club Profile and Reserve Usage

Profile:
Approx. 85 players
5 x senior teams (2 turf, 3 synthetic), 1 x U12
In2Cricket introductory program: 10 children
Club is affiliated with the Victorian Turf Cricket Association (turf teams), the Western Suburbs Churches & Community Cricket Association(synthetic teams), and the Melton Junior Cricket Association (junior team).

Number of players has declined in the past 5 years, from 6 senior teams and 3 junior teams. Main reason for decline is the relocation of the Club to Melton Recreation Reserve 3 years ago out of the growth area. The Club is likely to have access to an oval south of the highway in the next 1 – 2 years from which its junior program will be operated (within the growth area).

Usage:
Training: Seniors Tuesday and Thursdays
Training: Juniors: Wednesdays
Matches: Friday evening (juniors) and Saturdays (3rd XI, 4th XI and 5th XI)
In2Cricket: Wednesdays
Club only uses the Melton Recreation Reserve, and no other areas of Hannah Watts Park

Issues and Opportunities

The following issues and opportunities were raised:

1. Club is planning for the installation of a turf centre wicket table at Melton Recreation Reserve. As well as the pitch, this will require a maintenance shed to house the roller, covers, and other maintenance equipment.
2. Preferred location for a new maintenance shed is close to the practice nets to enable increased storage and a closer access to a power source for the bowling machine.
3. Club would prefer a third cricket training net (currently there are two nets)
4. Club indicated that enclosed cricket practice nets would work well for them
5. Club would like the car park upgraded – sealed
6. Existing pavilion adequately meets the needs of the Club, and the Club has a co-operative relationship with all other tenants

Meeting: 10 May 2018
Club: Melton Bowling Club

Club Profile and Reserve Usage

Profile:
Approx. 155 members, includes 45 social/ non-playing members
5 pennant teams (Divisions 1, 2, 3, 6 & 7)
Club is affiliated with Bowls Victoria, and competes in the Metro West District

Number of members has increased in the past 5 years. Main reason for the increase has the been the capital upgrade of facilities recently completed, and the high grade that the Club's teams play in.

The group was established in 1982 and leases the facility from Council. The Club has never been a part of the adjoining Melton Country Club.
It is the only bowling club in Melton township.

Usage:
Tuesday: pennant
Wednesday: Over 60s competition
Thursday: social bowling (a.m.), training/ coaching (p.m.)
Friday: Members night (mainly social)
Saturday; pennant – usually 2-3 teams playing at home each week
Sunday: Interclub competition

The Club hosts some barefoot bowls and corporate bowling events, however, its disconnect from the Melton CAD and location within the industrial precinct reduces the appeal of the club for these casual uses.

Club only uses the Melton Bowling Club facilities, and no other areas of Hannah Watts Park.

Issues and Opportunities

The following issues and opportunities were raised:

1. Formalise/ upgrade (seal) the car park at the rear of the club facilities
2. Install self-controlled lighting in the car park to enhance security when members and visitors are leaving the club facilities
3. Upgrade the floodlighting over the greens (they are reaching the end of their functional life)
4. Existing clubroom has been recently upgraded and adequately meets the needs of the Club
5. The number and condition of the two synthetic greens adequately meets the needs of the Club (synthetic greens were recently replaced)
6. The Club has a co-operative relationship with all other tenants

Meeting: 10 May 2018
User Group: Melton CFA
(fire station is located in Henry Street, Melton, and there is a satellite station in Melton South)

Group Profile and Reserve Usage

Profile: Approx. 25 paid staff at the station (5 EFT), 40 volunteers, 12 auxiliary members (fundraising committee), and 30 juniors (11 – 17 years)

Number of volunteers has increased in the past 5 years. Main reason for increase is the reputation of the brigade and the growth in juniors. The junior program is the largest in Victoria.

Usage: The fire training track at Melton Recreation Reserve was installed in 1995.
The sub-surface pumping system and water storage was installed in 2007.

Training
Tuesday and Thursday: junior training (5.00-7.00pm)
Tuesday and Thursday: senior training (7.00-10.30pm)
Training is generally restricted to the period September - April

Competition
Attracts more than 15 junior teams and 13 senior teams for competitions.
Currently, the timing of the Djerriwarrh Festival clashes with the only available date for competition (an issue for the brigade)

The track has regional significance as a training venue, as it is also used by other brigades from within the Melton LGA, and beyond, for specialist training drills.

Brigade uses the oval for competitions and some training drills, and members use the tracks and trails in Hannah Watts Park for warm-ups.

Issues and Opportunities

The following issues and opportunities were raised by the brigade:

1. Brigade believes the Council does not fully understand and value the role of the fire training track and its potential for tourism benefits via competitions.
2. Lack of storage.
3. Install a fence on the north side of the fire training track
4. Install floodlights
5. Install 3-phase power
6. Install a second line into the water storage tank, or install a wider line (80mm – 100mm)
7. New control box (could be shared with football club)
8. Improve traffic management around the fire training track
9. Install a separate ‘marshall track’ (is approx. the size of a tennis court)
10. The Club generally has a co-operative relationship with all other tenants

Meeting: 10 May 2018
User Group: Melton Country Club

User Group Profile and Reserve Usage

Occupancy: Building is owned by Council
The Melton Country Club is a business of the Essendon Football Club and they have leased the facility for 20 years
All improvements to the building (extensions and upgrades) have been fully funded by the Essendon Football Club

The Club sponsors the bowling club and the football netball club

Issues and Opportunities

The following issues and opportunities were raised:

1. Increase activity and people movements throughout the open space at the rear of the building to enhance security and respond to undesirable behaviours, eg. install a bridge over the creek from the northern playground in Hannah Watts Park
2. Car parking a premium on Thursday evenings, but Club believes the area available is adequate
3. Incorporate a bus service to the Melton Country Club, which would also service the football, cricket and bowling clubs
4. The Club has a co-operative relationship with all other tenants



Richard Simon
Director
16 May 2018

Melton South Recreation Reserve Pavilion
Proposed Area Schedule

Accommodation	AFL 'Local' Facility Standards (m2)	Melton City Council Standards (m2)	Melton South Existing Areas (m2)	Melton South Recommended Areas (m2)	Comments
Home Club					
Home Change 1	45	45	55	45	Potential for the two home change rooms to be connected by roller door to enable the combined space to be utilised for indoor football training during inclement weather.
Home Amenities 1	25	25	15	25	To be female friendly (refer 'AFL Preferred Facility Guidelines - Amenities Upgrade for Unisex Use').
Home Massage / Strapping 1	10	0	-	10	Has become an essential component for most senior clubs
Home Change 2	45	45	-	45	
Home Amenities 2	25	25	-	25	To be female friendly (refer 'AFL Preferred Facility Guidelines - Amenities Upgrade for Unisex Use').
Home Massage / Strapping 2	10	0	-	0	Second change likely to be predominantly for juniors, so not required
Home Medical Room (Doctors Room)	10	-	10	10	To service both home rooms
Fitness Gymnasium	25	-	-	40	Has become an essential component for most senior clubs. Recommended to locate the gym adjacent to the home change room and separate with netting only (so part of the gym space can be used as a possible warm-up area on match days).
Netball Change / Female Amenities		30	14	-	To be provided in another building
Away Club					
Away Change 1	45	45	42	45	See 'Home Change' above
Away Amenities 1	25	25	16	25	To be female friendly (refer 'AFL Preferred Facility Guidelines - Amenities Upgrade for Unisex Use' report).
Away Massage / Strapping	10	0	-	10	Has become an essential component for most senior clubs
Away Change 2	45	45	-	45	
Away Amenities 2	25	25	-	25	To be female friendly (refer 'AFL Preferred Facility Guidelines - Amenities Upgrade for Unisex Use' report).
Away Massage / Strapping	10	0	-	10	Supplied in lieu of a dedicated First Aid Room
First Aid/ Medical Room	15	10	-		
Other Spaces					
Umpires Change Room	25	20	10	25	To be female friendly (refer 'AFL Preferred Facility Guidelines - Amenities Upgrade for Unisex Use' report).
Time Keepers / Scoreboard Operator	10	-	25	6	Existing time keepers space is estimated (2nd storey)
Administration Office	15	10	-	20	Shared space for all clubs
Meeting Room	-				
Social Room (main)	100	100	120	120	Additional area recommended for social space beyond guidelines, to match existing
Canteen	20	20	35	25	
Kitchen					
Bar	-	-		15	Is required to be a separate space from the kitchen
Kitchen Store	-	-	-	5	
Cool Room / Store	-	-	-	6	
Store (tables/ chairs/ portable stage)	-	-	-	20	
Public Toilets	25	25	20	35	To be located to enable them to also double as internal toilets to service the Social Room (incl. Accessible WC/ baby change)
Lobby/Foyer	-	-	16	0	Dedicated Lobby/ Foyer not considered necessary for a District level pavilion
Storage					
Store (MSFC) - (Store 2 existing plan)	20	10	10	15	
Store (MSJFC) - (Store 3 existing plan)		-	7	15	
Store (MSCC) - (Store 1 existing plan)		10	6	10	
Miscellaneous Areas					
Cleaner's Store	5	5	0	5	
Services	-5	5	5	5	
Covered Viewing Area	50	50	120	100	Existing covered spectator space is estimated Where possible, tier a section or all of the spectator area
Total Net Area	**635.0**	**575.0**	**526.0**	**687.00**	
Grossing/ Circulation (5% of Net Area)	**31.8**	**107.0**	**26.3**	**34.35**	Grossing for the Melton City Council standard is a prescribed amount, not a percentage of the Net Area
Total Building Area	**666.8**	**682.0**	**552.3**	**721.35**	

Assumed four change rooms are required in a new pavilion in order to accommodate junior girls, and to future-proof the pavilion for the probable introduction of women's football

Pavilion not fit for purpose. Deficiencies include non-compliant change rooms for players and umps, no female friendly facilities, small canteen/ kitchen, alcohol and food share the same servery, lack of secure storage. Pavilion needs to be replaced

Reserve access road and the car parking throughout the reserve is unsealed – recommend that road is sealed, with nose to fence parking retained but outside a potential new pedestrian path around the oval fence

Irrigated multipurpose space – good condition

Portable toilet block – integrate new permanent public toilets with any new pavilion

Isolated area that could benefit from increased pedestrian use to mitigate undesirable activities

Unsealed car park area used by the Melton Bowling Club – consider sealing area for 20-30 cars, and installing some security lighting



Two synthetic bowling greens (1 floodlit) and clubhouse recently upgraded – both in excellent condition

Existing tennis-netball courts in poor condition (no floodlights)

Melton Country Club is leased from Council – leased area includes the sealed and unsealed overflow car parks, and building

Single netball court installed in 2016 and is in good condition. Its close location to the skate park has resulted in vandalism to the court and player discomfort

Two cricket practice nets in good condition, but lacks surrounding landscape/ setting. Remove the two old practice wickets, or upgrade one or both if demand exists

Vert Ramp has little use, and could be removed to open up the site.
The skate park is in good condition and provides a diversity of skatable options.
Opportunities: expand and upgrade the skate park, introduce WiFi points, floodlights and power connections, and conduct events

Main reserve access road is partially sealed only, and forms an unsafe barrier between the oval precinct and the playground/ netball court

Fire training track in good condition and is well used. It contains sub-surface pumps and water storage and is built to a standard that can host competitions

Oval is on the small size length-wise (145m goal-to-goal) but adequate width (130m boundary-to-boundary). Its orientation east-west is not desirable for football and the north-south hard wicket creates a 26m 'barrier' across the ground during football training and matches. Options to enlarge and re-orientate the oval should be considered during the master planning study.
The oval surface is poor (uneven and different turf species) and lacks sub-surface drainage. Four floodlights provide training standard lighting.

1.4 APPENDIX 04 - COMMUNITY ENGAGEMENT REPORT



Hannah Watts Park Upgrade
(Master Plan and Stage 1)
Community Engagement Report

Final 11 June 2018

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1. Engagement Overview

ChatterBox Projects was engaged by Melton City Council via Urban Initiatives to lead the community engagement for the Hannah Watts Park Precinct Master Plan and Stage 1 Upgrade.



A range of methods and tools were used to engage with the community including three place-based onsite pop-up consultations, one onsite school workshop, one school-based workshop, key stakeholder and staff workshops and an online survey.

During the community engagement activities, a wide range of people were consulted including children, young people, adults, people who lived in Melton and surrounding areas, visitors to Melton and people from diverse backgrounds.

Over 950 written ideas and views were gathered throughout the community engagement process via the hardcopy and online surveys. A further 420 opinions, thoughts and ideas were gathered via other engagement tools including the dotmocracy activity, drawings, voting pods and giant chatboards.

- 289 people completed a survey, 153 online, 117 at the pop-up consultations, 16 at school workshops and 3 surveys were posted back to Council.
- 96 children and young people provided their feedback by drawing their ideas.
- 163 people engaged with the dotmocracy activity at the pop-up events and school workshops.
- 30 students participated in an ideas workshop.
- 131 people engaged with the voting pod activity.
- 30 comments and drawings were received via the giant chat boards at pop up consultations.

1.1 Pop-up ChatterBox trailer

Using the ChatterBox trailer for the pop-up consultation and workshops enabled engagement with people who otherwise may not have participated in traditional engagement methods.
A range of engagement tools were used at the pop-ups, enabling the community to provide their feedback in a variety of ways. These different tools also allowed many people to engage at the same time, which was highly beneficial during busy times.
The tools included a hard copy survey, giant chatboards, voting pods, Big ideas drawing sheet and a dotmocracy activity.

1.2 Pop-up Events



Three place-based pop-up consultation events were held onsite at Hannah Watts Park, on Thursday 12 April between 10am-1pm, Sunday 22 April between 11am-2pm and Thursday 26 April between 3:30-6:30pm. The pop-up events included a free coffee cart.

1.3 School Workshops



Four local schools were invited to attend an 'ideas workshop' onsite at Hannah Watts Park using the pop-up ChatterBox trailer. Both St Dominic's Primary School and Melton Specialist School were involved in the workshops. The workshops were held on Thursday 26 April.

1.4 Survey



An online survey was developed to enable the community to provide their feedback and ideas if they were unable to attend the place-based pop-up consultation sessions. The online survey was hosted by ChatterBox Projects via the Melton City Council Have Your Say website. Online surveys closed 29 April 2018.

The online survey was promoted via on-site signage, a letterbox drop, emails to user groups and schools.

1.5 Stakeholder workshops and meetings



Four stakeholder workshops were scheduled, two for internal Council staff and two for external key stakeholders. Unfortunately, due to low numbers, the second key stakeholder workshop was cancelled. These workshops were held on Monday 16 April and Thursday 19 April.

There were also a range of individual meetings with groups, organisations and clubs that use facilities located within the Melton Recreation Reserve and surrounding precinct.

2. Consultation results summary







2.1 Survey summary

The Hannah Watts Park survey consisted of 19 questions including nine multiple choice, five open ended and five demographic questions. (Copy of survey can be found in the appendix)

Of the 289 people who completed a survey:

- The most widely represented age group was that of people aged 26-34 years and 36-45 years (27.19%) followed by people under 12 years (11.84%) and 13-17 years (7.89%).
- 72.46% of respondents were female, 25.85% male and .42% other
- Just over 25% of respondents lived in Melton
- 17.24% lived within walking distance to the Hannah Watts Park precinct
- 85% of respondents usually drive and 11.92% usually walk to Hannah Watts Park
- The two most important features within the precinct are the playspaces (58.1%) and places to gather with others (55.4%)
- The three most popular elements currently at Hannah Watts Park playground are swings (57.7%), slides (55.2%) and the donut spinner (38.9%)
- The two most requested changes respondents would like to see to the precinct are an upgrade to the playground (37.8%) and upgrades to existing picnic shelters and additional picnic shelters and BBQs (24.27%.)
- The two most important playspace activities as voted by respondents are things to climb (45.7%) and adventure/challenging elements (38.3%)
- The three top things respondents would like to see in the new playspace are water play elements (24.5%) big and/or curly slides (20%) and climbing elements (17.9%)
- 45.1% of respondents would like to see more picnic areas/shelters and 32.7% would like to see more BBQs within the precinct

2.2 Dotmocracy summary



A dotmocracy activity (voting using dots) was used at both the pop-up consultation and the school workshops. The activity involved the community prioritising what types of park and playspace elements they liked by placing dots on a range of playspace and park images.

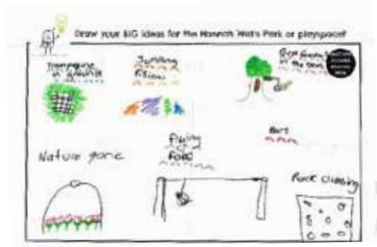
Different coloured dots were used for different age groups, under 18 and over 18 years and each person received three dots for three votes.

164 people participated in the dotmocracy activity with 492 votes being received, 381 from young people under 18 years and 111 votes from people over 18 years.

The six most popular images as chosen by young people were: the giant slide with 60 votes (47.2%), a flying fox with 45 votes (35.4%), inground trampolines with 33 votes (25.9%), a giant rock climbing wall (bouldering) with 29 votes (22.8%), a picture of a flat bike/scooter track with 20 votes (15.7%) and a basketball court with 19 votes (14.9%).

The five most popular images as chosen by adults were: inground trampolines with 20 votes (54%), a giant slide with 15 votes (40.5%), a flying fox with 10 votes (27%), a manmade creek with 8 votes (21.6%) and a wooden adventure playground and large sand pit with 6 votes (16.2%). (see appendix for full results)

2.3 Big ideas drawings summary



'Draw your BIG Ideas for the Hannah Watts Park or playspace' drawing sheet was available for children and young people to draw their big ideas at both the place-based pop-up events and school workshops. (see appendix for a copy of the Big Ideas drawing sheet)

Of the 96 detailed drawings received by children and young people, the five most frequently drawn elements were a big slide (tunnel or curly) (35.4%), a giant/basket swing (26%), a flying fox/zip line (19.7%), trampolines (18.7%) and monkey bars (18.7%)

2.4 Voting Pod summary



At the place-based pop-up consultations, a voting pod was used to ask the community what the most important thing was at Hannah Watts Park. There were six elements to choose from: playspaces, BBQ/Picnic areas, pathways and trails, formal sport, informal sport and natural spaces.

Different coloured voting balls were used for people who were under 18 and people who were over 18 to determine the priorities of different age groups. Each person was able to access one ball for one vote.

Of the 131 people who voted for their most important thing at Hannah Watts Park precinct, 22.1% voted for playspaces, followed by pathways and trails with 21.37% and formal sport with 20.6%.

Of the 84 young people who voted, 22.6% voted for informal sport followed by playspaces (21.4%) and pathways and trails (19%).
Of the 47 adults who voted, pathways and trails and formal sport received 25.5% of the votes, followed by playspaces (23.4%).

2.5 Giant Chatboard summary



Two giant chatboards were used to get the community to share their ideas publicly at the three place-based pop-up events. Each board posed a different question.

Chatboard 1 had the question, 'What would you like to see as part of the new playspace, picnic area and gathering space?'. Chatboard 2 had the question, 'What changes, if any would you like to see to the Hannah Watts park precinct?'.

30 comments were received with most comments reiterating what was received via the surveys.

Requests for specific equipment such as flying fox, rock climbing and more tables, chairs and BBQ's were received for the new playspace, picnic area and gathering space. Requests for improvements to or new toilets, more carparking and drink taps were received around the Hannah Watts park precinct.





3. Key findings and recommendations

The community engagement activities were very successful and generated over 1,600 comments and ideas from the community. These responses resulted from an online and hard-copy survey, place-based engagements and key stakeholder workshops. The engagement highlighted some key overall themes to be considered as part of the Hannah Watts Park precinct master plan and Hannah Watts Park upgrade.

3.1 Favourite elements, spaces and places at the Hannah Watts Park precinct



Respondents indicated that the playspaces, places to gather with others (open spaces, picnic and BBQ facilities), natural areas and pathways and trails were very important elements at Hannah Watts Park precinct.

3.2 Master Plan

Outlined below are the themes that emerged through the community engagement activities, including the survey and place-based pop-ups, in response to questions around the precinct master plan.

Playspaces



The most popular topic to emerge from the consultation around the master plan was the need to upgrade the playground at Hannah Watts Park.
(Further information about the Hannah Watts Park playspace can be found under the Hannah Watts Park upgrade section below)



All playspaces within the precinct are well used and loved. The spectators that attend the football, cricket and netball are frequent users of both the central playspace and the southern playspace near the skate park.

Safety issues were raised regarding the location of the southern playspace. It's position immediately adjacent to the road (main driveway/entry point) into Melton Recreation Reserve means that children need to cross this road to access the playspace, often on their own.

The football/netball club would like to see the entry to the reserve relocated so the entry point comes in off Nixon Street. This would ensure safe access to the playspace and assist with being able to manage gates on game days. While the current location of the playspace is good in terms of its position between the football oval, skate park and netball court, the issue of its proximity to the major access point needs to be addressed.

The central playspace is also well used, mostly by older children who can be further away without such close adult supervision. The maze and basket swing are favourite elements at this playspace, however some comments alluded to the belief that the maze is used for unsavoury behaviour, such as drug deals.

Picnic facilities



The second most popular topic to emerge was the picnic and BBQ facilities, resulting in many requests for them to be upgraded and many more installed.

Most comments were centred around the facilities at Hannah Watts Park, further comments about these facilities can be found below. However, there were comments around the need for more picnic facilities in the southern area of the precinct near the skate park, netball court and playspace, as well as signage to provide direction to the central picnic area and playspace so it's better utilised.

Pathways & trails



The topic of pathways and trails within the precinct was also popular in the feedback and comments, showing they are very well used and appreciated. There were many comments about the need to create a crossing on High Street, to connect the town centre to Hannah Watts Park. It was also seen as a way to create a walking loop from Hannah Watts Park, through the underpass to the golf course, along High Street to Yuille Street and back across to Hannah Watts Park.

Respondents would also like to see more walking/bike paths around the precinct and the connection of existing paths. The walking groups would like to see an additional path on the southern side of the creek linking the path at the north east corner to the path leading from Hannah Watts Park to the Melton Recreation Reserve (see map below). Some respondents would also like to see a new pathway from the pavilion to the central playspace/picnic area (also see map below).



Map showing suggested additional pathways and connections

The issue of the dip in the pathway to cross the creek was also raised on many occasions as a safety and accessibility issue, respondents would like to see a bridge installed here.

More seating around the precinct was also requested by many respondents, for the purposes of sitting and enjoying the surrounds and assisting people with mobility issues whilst out walking.

Active sporting precinct

Improvements to the southern end of the precinct, including the Melton Recreation Reserve, skate park, netball court, tennis courts, Melton Bowling Club and Country Club were mostly raised by the clubs themselves, along with a few general users of these facilities.

The current reserve is not a full-sized ground and the football club would like to see the ground realigned to allow for an extension to full size. There was also a request to upgrade the pavilion to include female change facilities for both netball and football teams as well as storage. With 11 netball teams currently playing, one netball court is not sufficient. The club would like to see another court included in the master plan.

"New amenities to facilitate woman's football team. Extended netball courts - currently not sufficient. Realign football oval to AFL standard, currently smallest in the league. New clubrooms."

"Female change areas for netballers and women's football"



Users of the skate park would like to see some small upgrades including a bigger, more weather-proof shelter, a drink tap closer to the shelter, bike racks, more seating and the removal of the half-pipe to make room for an extension of the skate park in the future. A long-time user of the half-pipe would like to see the half-pipe relocated to another location rather than be destroyed.

"At the skatepark they should swap the half pipe with double sided quarter pipes and a mini spine."

"I would like to see and extension on to the existing skatepark so there some more things to ride"



Netball spectators currently have no seating to watch the game and instead sit on the skate street course equipment. The installation of seating for netball spectators is required.

There was not enough feedback regarding the two tennis/netball courts so no comments or recommendations about these facilities have been provided.

Public toilets

Both the public toilets at Hannah Watts Park and the Melton Recreation Reserve were mentioned on numerous occasions by respondents as well as by the Melton Police. The toilets at Hannah Watts Park are well known to be used for unsociable behaviour and many respondents indicated that they would not use these toilets at all, especially after 3pm, and would not allow children to access these alone.

We also heard that the public toilets at the Melton Recreation Reserve are also used for unsociable behaviour such as drug taking. It was suggested by the police that the toilets at the Melton Recreation Reserve be relocated closer to the skate park and netball courts, to allow for more passive surveillance.

Safety



Safety concerns were raised about a range of spaces and elements of Hannah Watts Park, including the safety concerns over the main entry point to Melton Recreation Reserve (see Playspaces section above).

There were also concerns raised about the unsociable behaviour at the toilet bock at Hannah Watts Park (see Public toilets section above).

Other safety concerns included the crossing between the Hannah Watts Park Precinct to The Willows. The position of the crossing on a bend in the road means that people often find it unsafe to cross. It is recommended another crossing point to improve the connection between the Melton Recreation Reserve and The Willows be investigated.

Safety issues were raised around the width of some pathways and the issues that come with both cyclists and pedestrians sharing these. There was a suggestion that signage on pathways be installed to remind people that they are shared.

"It would be a good idea to avoid accidents between pedestrians and cyclists by slowing down faster traffic especially under bridges or over bridges. The bridge walk way under High street near the old road bridge is an accident waiting to happen."

"A greater feeling of safety; the toilet block is known as a male hangout and there are often vehicles in the carpark with male owners there early in the morning."

"I would like to see a separate track for cyclists only, some cyclists do not slow down, they do not warn people they are coming up behind them and some will ride straight through adults, kids and dogs and refuse to ride around people walking. I have come close to being bowled over twice in the last 4 months."

Open and natural spaces

Respondents really appreciate the open and natural spaces of the Hannah Watts Park precinct and most people visit this park for these reasons.
There were many comments from respondents in relation to cleaning up the creek and waterways, the need to protect the banks of the creek and maintain the green open space.

"total clean-up of the water system running around the park, so it becomes more inviting for people to site and enjoy the wild life"

Signage

The need for signage was brought up by both clubs and many park users. There were requests for signage throughout the park to both promote other spaces and facilities within the precinct, as well as provide direction and distance markers.

There were also requests for signage to explain what you can and cannot feed the ducks and birds, to explain the aboriginal history of the area and to honour Hannah Watts and her connection to Melton.

3.3 Stage 1-Hannah Watts Park upgrade

Most comments received via the engagement were in reference to the playspace and facilities at Hannah Watts Park. This is due to two out of three place-based pop-up events being held at this location.

Respondents were very excited about the prospect of having the playspace redeveloped and having more picnic shelters and facilities.

During each pop-up consultation, all picnic tables and facilities were in use and many families needed to locate themselves on the grass area. The playspace was very well used as were the green open space, pathways and the stage area.

It is an extremely well-used park with a range of small to very large groups using the facilities. Disability groups, holiday programs and large family groups visited whilst ChatterBox Projects were there and do so regularly.

Playspace



The playspace at Hannah Watts Park is very well used, mostly by groups of children rather than individuals.

Respondents loved the swings, slides and donut spinner; however, the donut spinner will not spin if there are more than three people on it. A few younger children also loved the bars in the junior play area, and the young people loved the high spinner.

Respondents would like to see water play elements, a giant slide, things to climb (bouldering/web/tower), adventure/challenging elements such as an obstacle course or fort, flying fox and nature play areas. Children's drawings indicated that they would also like to see some inground trampolines and monkey bars.

Due to this playground being used more by groups of children than by individuals all throughout the year, it is recommended that the playspace be developed to ensure it can be used by numerous people at any given time all year round.

From these consultation sessions, elements that encourage group play such as big basket swings, spinners that can accommodate more than two people and large structures, adventure type elements that can be climbed and run on would be recommended.

Request for water play elements or a water park, were mostly from parents and carers rather than children.

Picnic & BBQ facilities



The picnic and BBQ facilities at Hannah Watts Park are very well used and all facilities were observed to be in use at the same time.

Respondents would not only like to see new picnic and BBQ facilities, but more of them and bigger ones to accommodate bigger gatherings. Many asked for some of the picnic shelters to be spread out across Hannah Watts Park instead of grouped in one area, and there were also suggestions to include a sink and power point as part of the new picnic facilities.

Car parking

There were many requests for additional car parks as the car park fills up on weekends, public and school holidays. Many buses stop at Hannah Watts Park as it is the midway point between Melbourne and Ballarat utilising the existing bus parking.

Supporting infrastructure



The need for fencing was raised on many occasions, especially from those with young children and children with special needs.

Fencing was requested between the proposed location of the junior playspace and creek and between the playspace and car park. Some parents and carers requested that the playspace be fully fenced.

As indicated previously, many comments were received regarding the toilets. These included references to them being old and dirty, and references to the unsociable behaviour that occurs within them.

During the pop-up consultations, there were many discussions with parents and carers around the issues with the toilets including their location. Many parents and carers requested that the toilets be relocated to closer to the playspace and picnic and BBQ facilities.

Other facilities



A group of older adults (pictured at left) visit Hannah Watts Park on a weekly basis to play bocce. They would like to see a bocce court included in the master plan near the BBQ area behind the existing toilets.

Other facilities requested by respondents, as the current number of these facilities are insufficient to cater for the number of visitors include more bins, drink taps, and lighting.

3.4 Conclusion

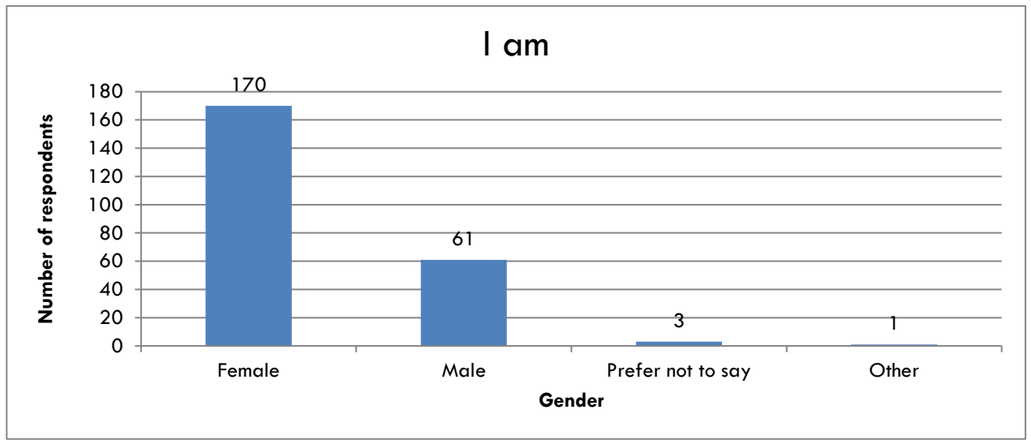
Overall the community members were highly engaged about the Hannah Watts Park upgrade. Many people appreciated the fact that council proactively popped-up across the precinct to seek their views. They are very satisfied with most of the current facilities however were excited about the prospect of improvements to the park. There were only a few people who indicated that they would not like to see any changes to the park, however most respondents feel there should be improvements to the playspace, picnic area and toilets at Hannah Watts Park.

89 respondents opted to 'be kept up to date' about the project.

4. Participation profile

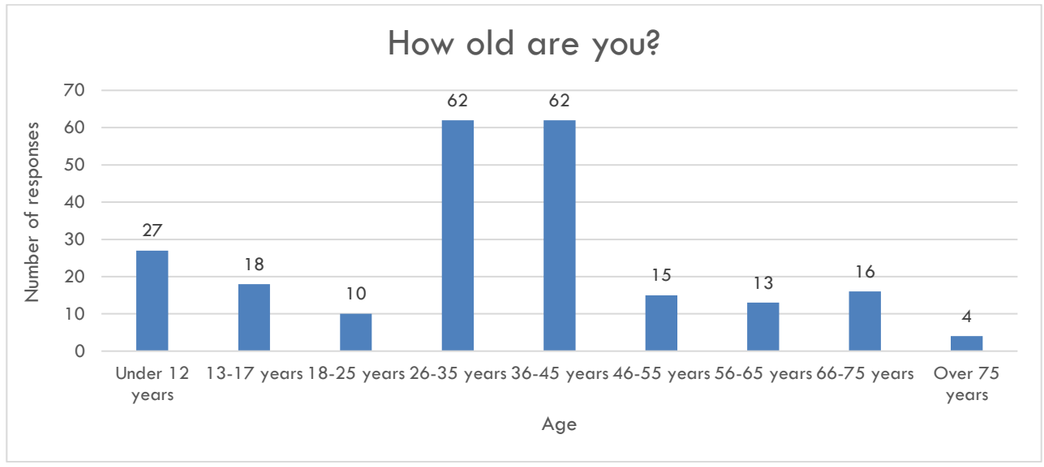
4.1 Gender

Of the 235 respondents who indicated their gender, 72.3% (170) were female, 25.9% (61) were male, .42% (1) other and 1.2% (3) preferred not to say.



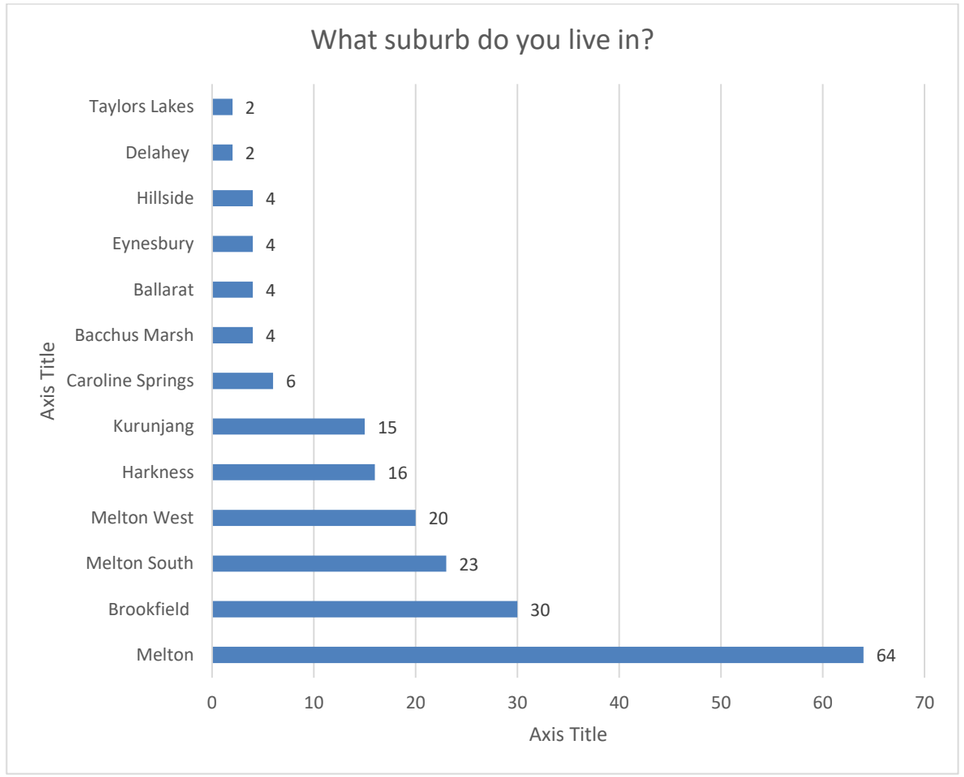
4.2 Age

Of the 227 respondents who indicated their age, there was good representation of people aged between 26-45 years (54.6%) under 18 years (24.2%) and over 65 years (8.8%.)
The highest participation was from people aged 26-35 and 35-44 years with equal highest of 27.6%.



4.3 Suburb

Of the 253 people who indicated where they lived, 25.3% lived in Melton, 11.8% lived in Brookfield, 9% in Melton South, 7.9% in Melton West, 6.3% in Harkness and 5.9% in Kurunjang.



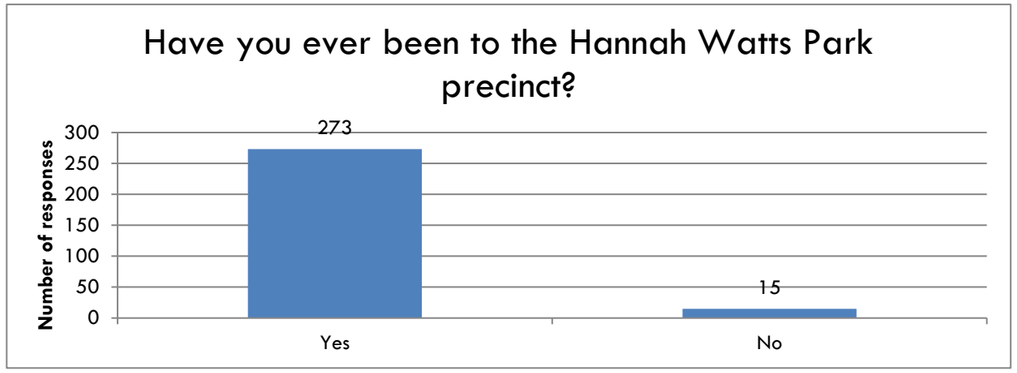
Other: Cobblebank (1), Creswick (1), Footscray (1), Grangefieds (1), Hoppers Crossing (1), Keilor East (1), Lalor (1), Melbourne (1), Mt Cottrell (1), Pascoe Vale South (1), Plumpton (1), Point Cook (1), Rockbank (1), St Albans (1), Strathtulloh (1), Taylors Hill (1), Weir Views (1).

5. Overall Survey Results

This section provides all results from the hardcopy and online surveys that were completed by the community. A total of 289 surveys were completed. 134 were at pop-up events, 153 were online and 2 were posted into Council.

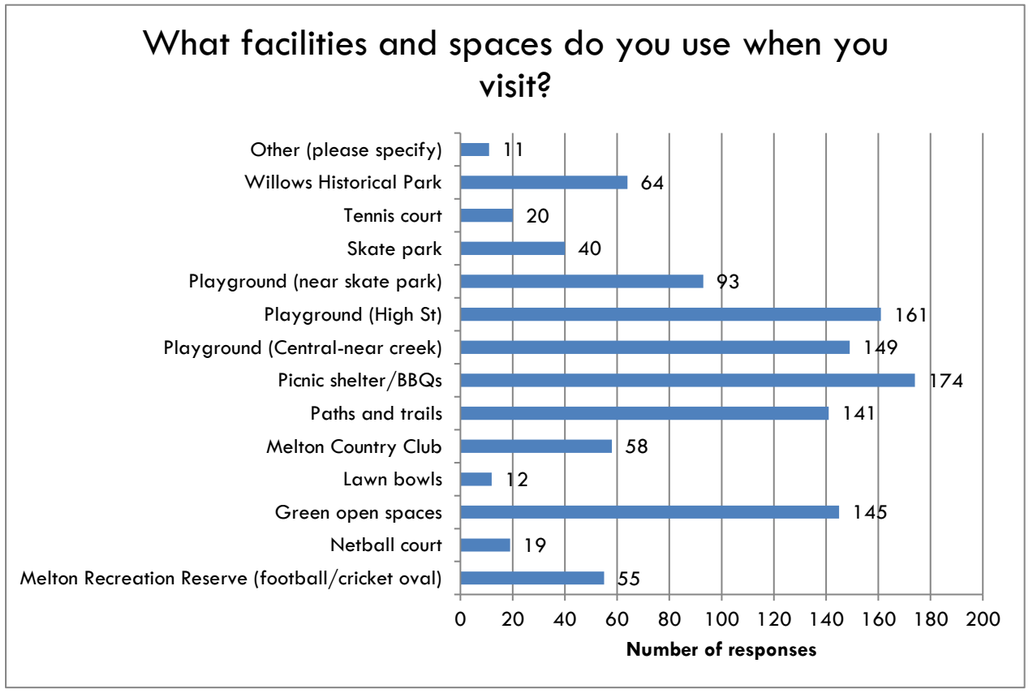
5.1 Have you been to the Hannah Watts Park Precinct?

Of the 288 respondents who answered this question, 94.8% had been to the Hannah Watts Park precinct and 5.2% had never visited.



5.2 What facilities and spaces do you use when you visit?

The five most used facilities at the Hannah Watts Park precinct as indicated by the 257 respondents were: the picnic shelters and BBQs (67.7%), followed by the playground at Hannah Watts Park (62.6%), the central playground (57.9%), the green open spaces (56.4%) and the paths and trails (54.8%).



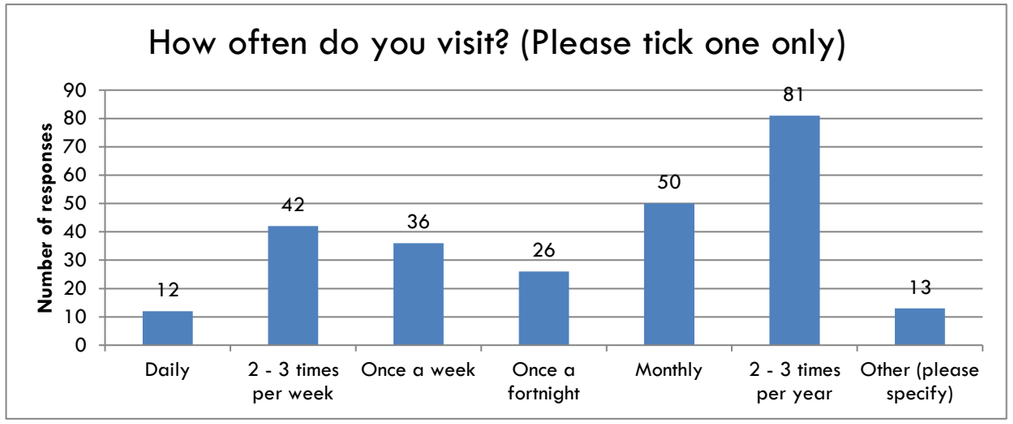
Other:

Please note: The following comments are unedited verbatim responses as submitted

Recreation reserve pavilion
Basketball court
Green open spaces, paths and trails, playground central and near skate park
Walking Trail
Raglan's Cottage
We love going for a walk through there and are very disappointed there still are no exercise facilities like at Navan Park and Caroline springs. the foot path has been upgraded but the funds spent there could have been spent on the facilities to at best bring Hannah Watts park up to par with the other parks mentioned. A crossing from the horse paddock to Yuille street would be a welcome addition to allow pedestrians safer crossing across High Street. This would have been preferable to the pedestrian bridge crossing the creek.
Was not aware all these were connected
Maze
Children's Play equipment
Explore the bits of bush and the creek that are there too
Walking track

5.3 How often do you visit?

Of the 260 respondents who answered this question, 31.2% visit 2-3 times per year, 4.6% visit daily, 16.1% visit 2 or 3 times per week, 13.8% visit once a week and 19.2% visit monthly.



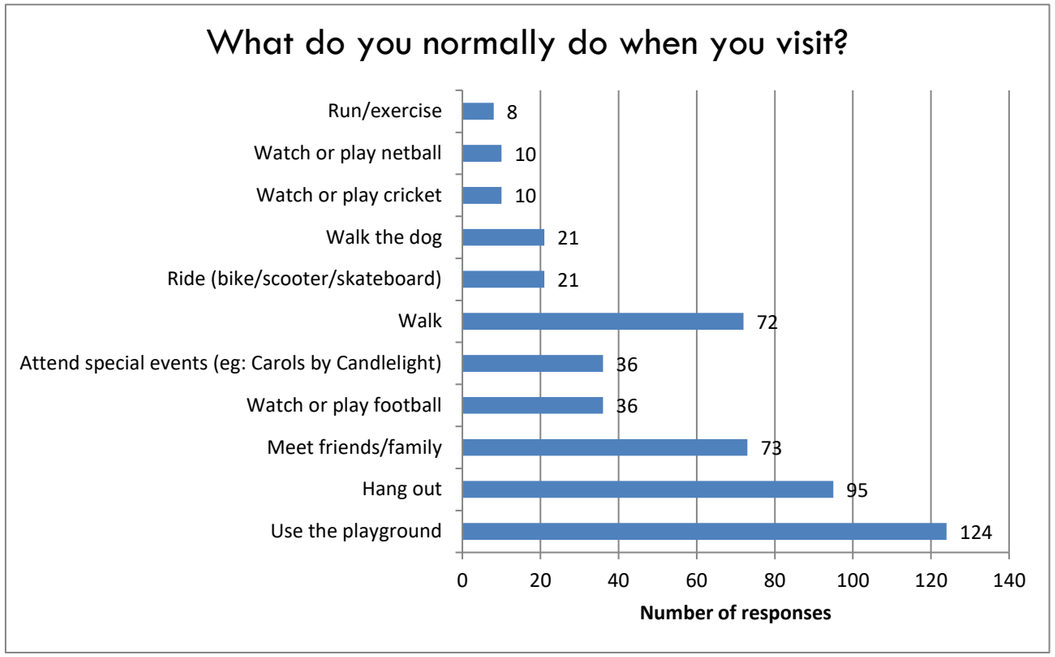
Other: *Please note: The following comments are unedited verbatim responses as submitted*

Haven't been since I was in year 2
Hardly
1 per year
The park only once in 13 years for informal wedding photos
Once every 2 months
Once a year
Every 6-8 weeks
Periodically from time to time
2 - 3 times a year

5.4 What do you normally do when you visit?

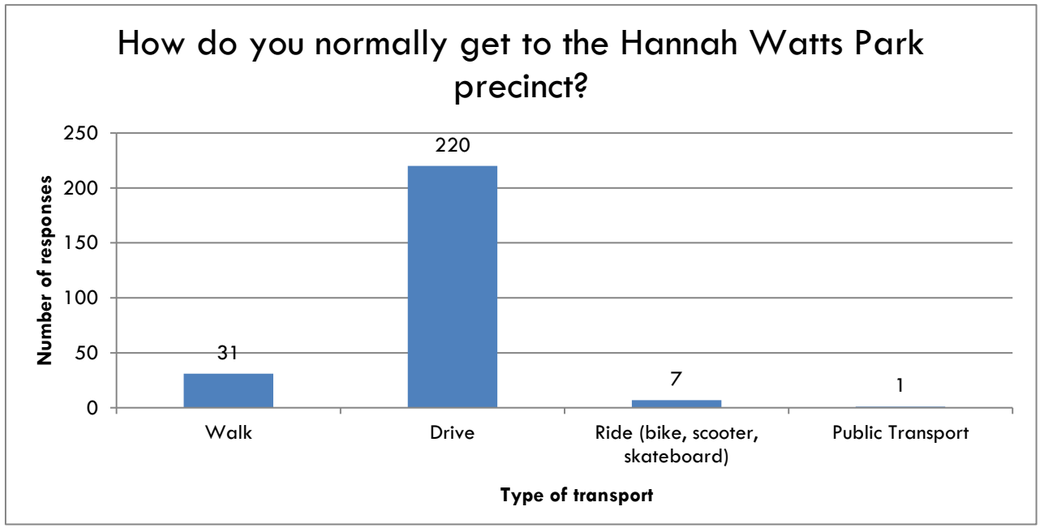
Of the 260 respondents, many chose more than one answer. All these answers have been included in the results.

Of the 260 respondents, most came to use the playgrounds (47.6%), followed by hanging out (36.5%), meeting family or friends (28%) and walking (27.6%)



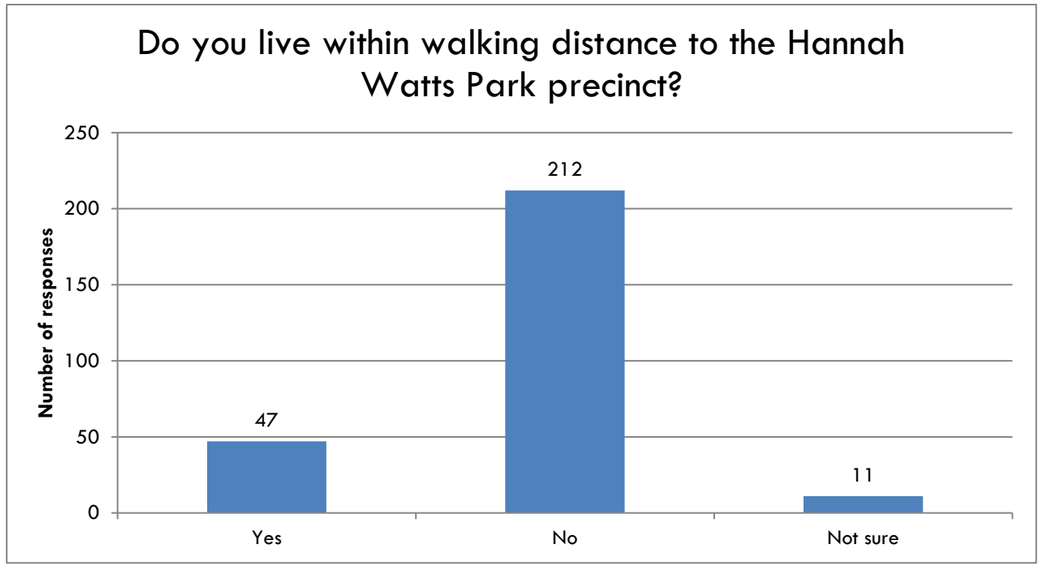
5.5 How do you normally get there?

Of the 259 respondents, 84.9% drive to the Hannah Watts Park precinct, 11.9% walk, 2.7% ride and .38% catch public transport.



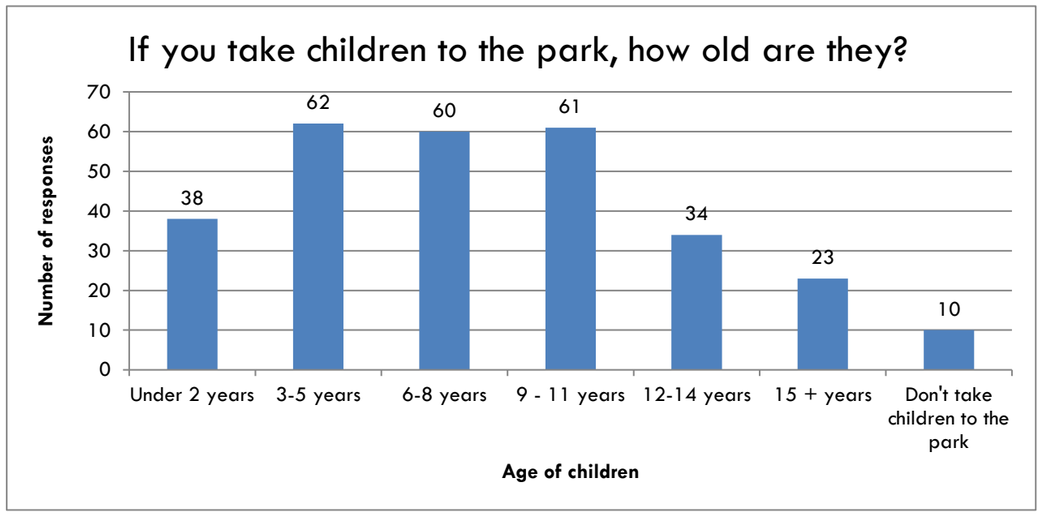
5.6 Do you live within walking distance to Hannah Watts Park?

Of the 270 respondents, 17.4% live within walking distance to the Hannah Watts Park precinct, 78.5% do not and 4% were not sure.



5.7 If you take children to the park, how old are they?

Of the 152 people who responded to this question, 40.7% take children who are between 3-5 years, 40.1% take children between 9-11 years and 39.5% take children between 6-8 years.



5.8 Are you filling in this survey on behalf of a special interest group? If yes, which special interest group?

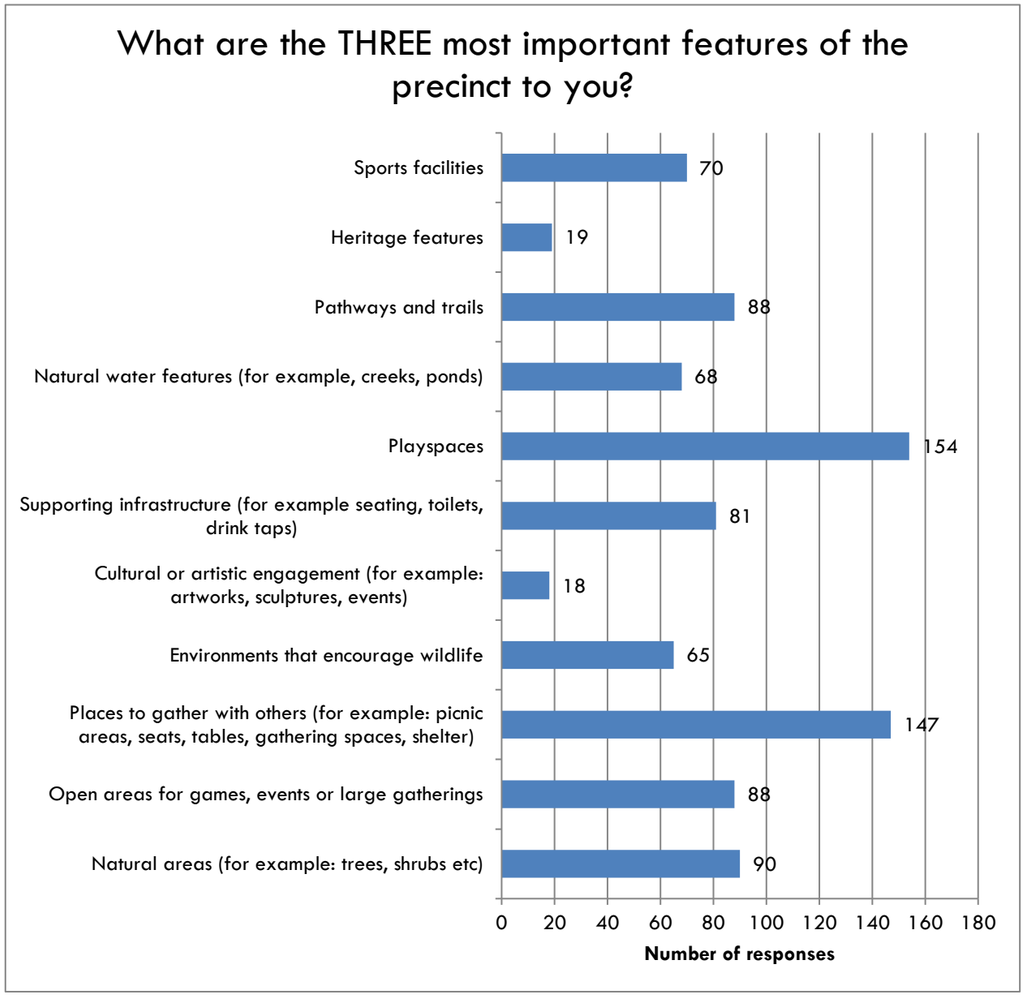
While 30 people answered this question, many did not understand its context. Eight people listed the Melton South Football Netball Club, five listed St Dominic's (as in Primary School), one listed Jehovah's Witnesses, three listed Bocce, nine listed ChatterBox, one was a long-term skater and one was a landscape architect.

Ideas for the Hannah Watts Park precinct master plan

5.9 What are the three most important features in the precinct to you?

Respondents were asked to choose up to three features out of a predetermined list.

The three most important features as indicated by 265 respondents were: playspaces (58.1%), places to gather with others (55.4%) and natural areas (33.9%). This was closely followed by open areas for games, events and large gatherings and pathways and trails both with 33.2%.



Other: *Please note: The following comments are unedited verbatim responses as submitted*

Other
Little area for dogs
Donut exercise things
Bocce Facilities
Bocce
Bocce Facilities
Fence to separate kids going to the car park
BBQ facility
Hand
Playground
Toiletry changing areas
Play grounds, BBQ, Pond, Drink Taps, Toilets
An off-leash area for dogs would be great. Too many dogs off leash in the suburbs leaves us open to confrontation/attack. A safe place to let dogs run free close to home would be great.
Access for disability
Water park
Natural areas and environments that encourage wildlife are sort of the same and I like both
Fencing, enclosed area
Water play/ slash park (like Riverwalk, Werribee)
All of the above

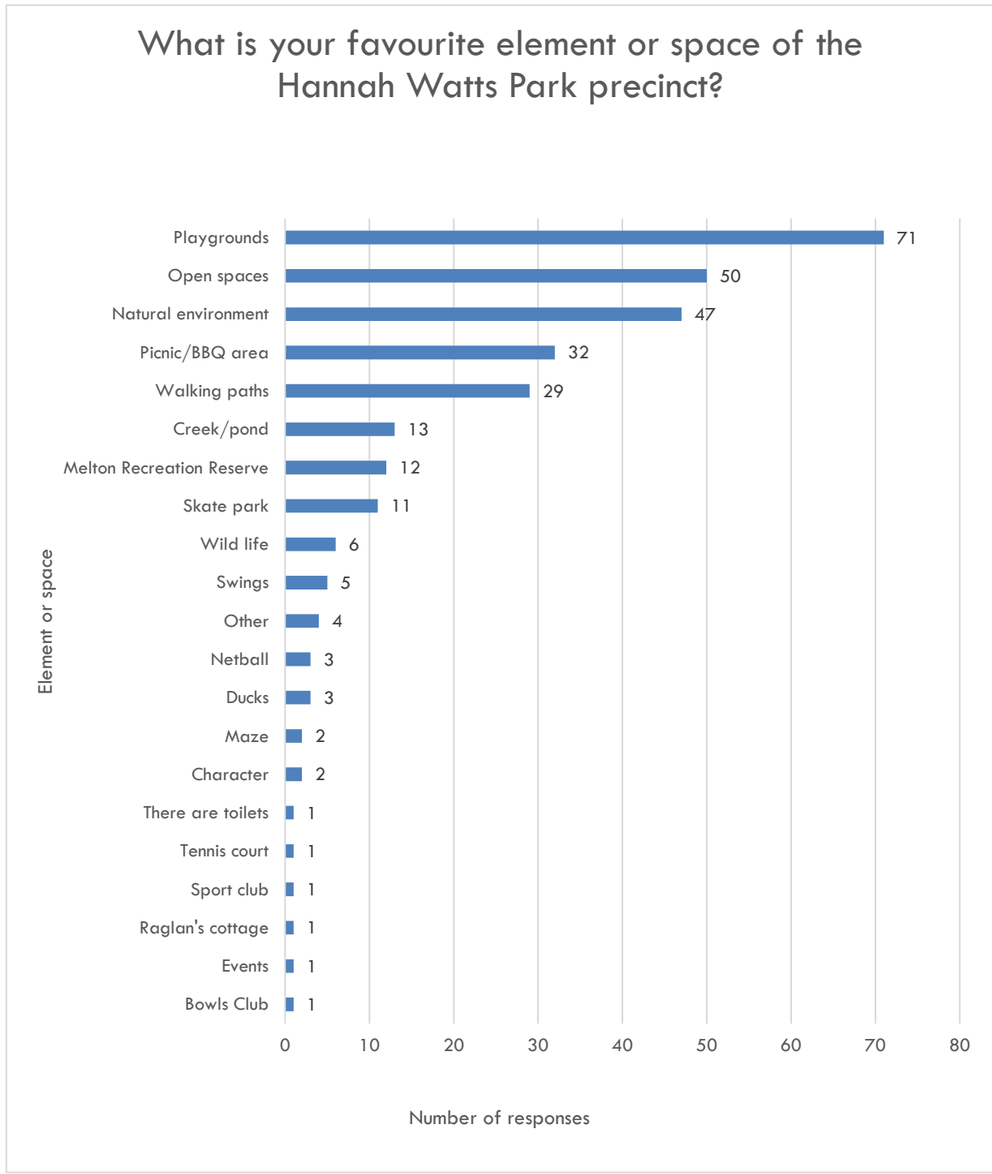






5.10 What is your favourite element or space of the Hannah Watts Park precinct?

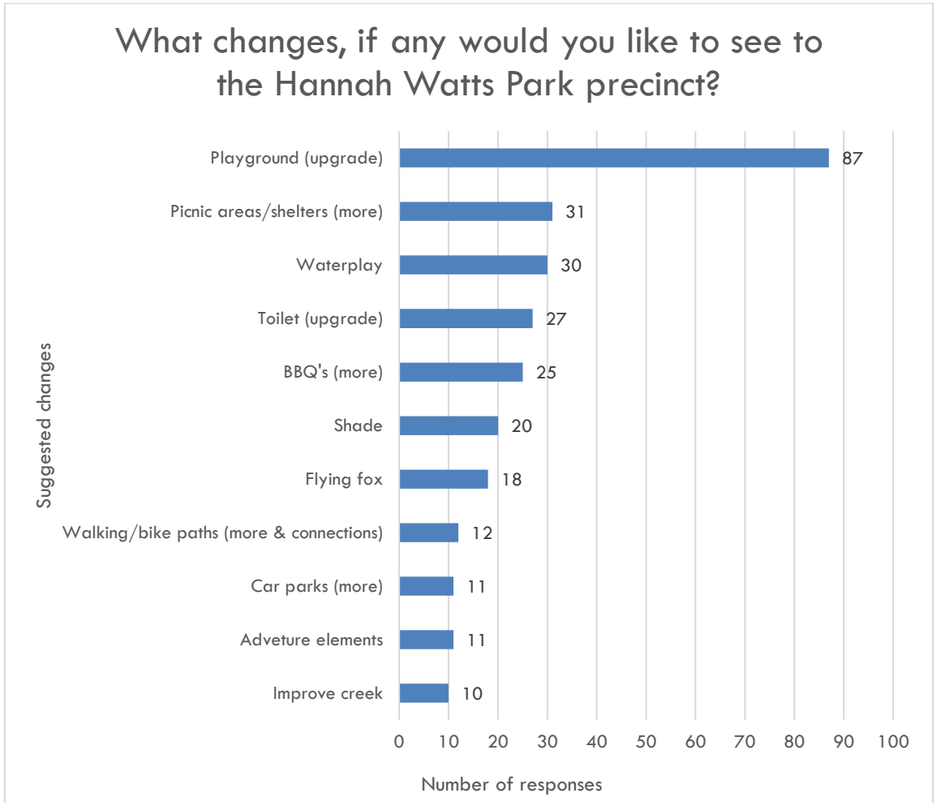
227 respondents listed their favourite element or space at Hannah Watts Park, many of whom listed more than one.
296 elements and spaces were themed into categories. The five favourite elements or spaces were the playgrounds within the Hannah Watts Park precinct (31.2%) followed by open spaces (22%), the natural environment (20.7%), the picnic and BBQ areas (14.1%) and the walking paths (12.77%).



5.11 What changes, if any would you like to see to the Hannah Watts Park precinct?

230 respondents answered this question resulting in over 400 comments received. The five most popular suggested changes were a playground upgrade (37.8%), improved and more picnic shelters (13.47%), waterplay elements (13%), new or upgraded toilets (11.7%) and more BBQs (10.8%).

Other suggested changes include shade for the playground, a flying fox, more walking paths and better connections, more car parks, an adventure playground, improvements to the creek (cleaning), more seating around the precinct, play elements for older kids, a basketball court, female change rooms at the pavilion and netball courts and drink taps.
Below is a list of suggested changes that were mentioned on more than ten occasions.
(For the full list of comments please see appendix)



"A bigger playground (that big kids fit on!)"

"Updated playground with water play and updated BBQ area"

"More seating spread out, larger gazebo BBQ areas. Further play equipment"

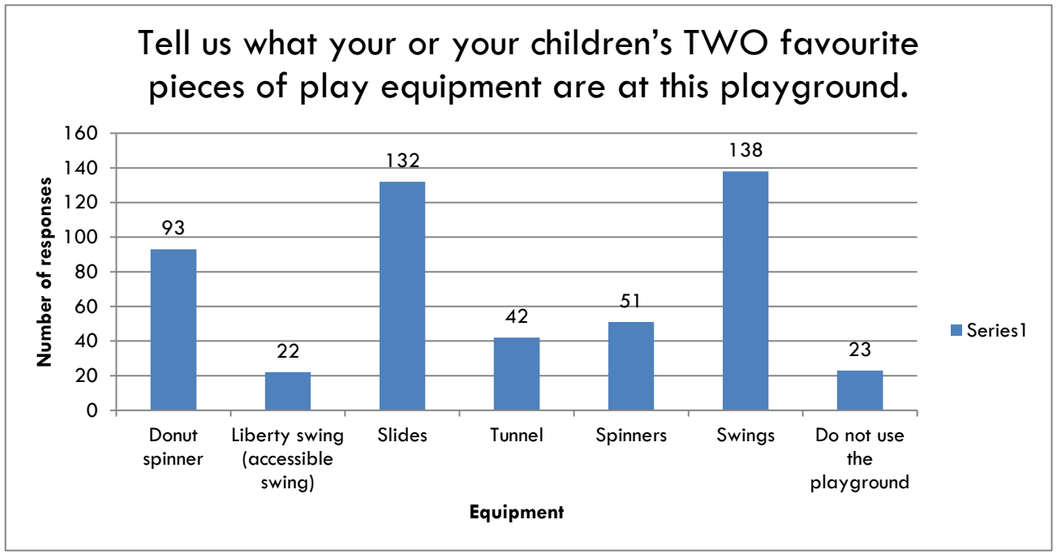
"It would be cool for a basketball court because it's fun and I don't have much courts in Melton"

Ideas for the Stage 1-Hannaha Watts Park playspace and picnic facilities upgrade

5.12 Tell us what your or your children's two favourite pieces of play equipment are at this playground?

Respondents were asked to choose their two favourite pieces of play equipment from a list of six elements that are currently part of the playground at Hannah Watts Park.

Of the 239 respondents, 57.7% indicated that the swings were their favourite piece of play equipment, followed by slides (55.2%) and the donut spinner.38.9%.
Respondents were able to list other elements that were not listed. (see below)



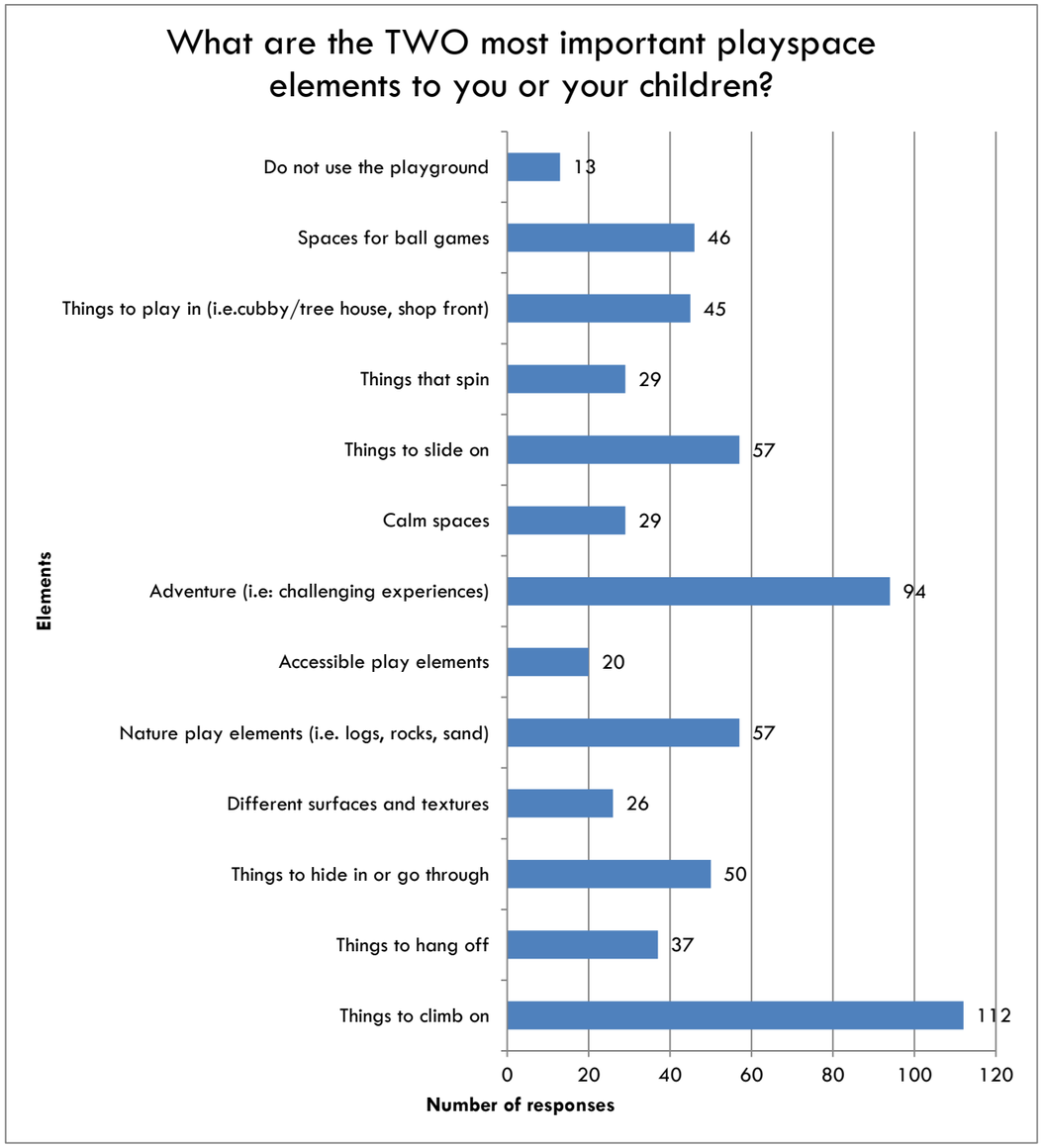
Other:

Please note: The following comments are unedited verbatim responses as submitted

All thank you
Discovering all the activities in the 'castle'.
Bridges
Flying fox
Calling a Quitman
Bars
Bars
Climbing fort
Only use spinner. But it gets too hot in the Sun.
Don't have kids.
Maze
Web swing over the back of the park.
Maze
Climbing
They like to run around on the playground and climb
Nothing there is better playgrounds to go to.
Something high for climbing

5.13 What are the most important playspace elements to you or your children?

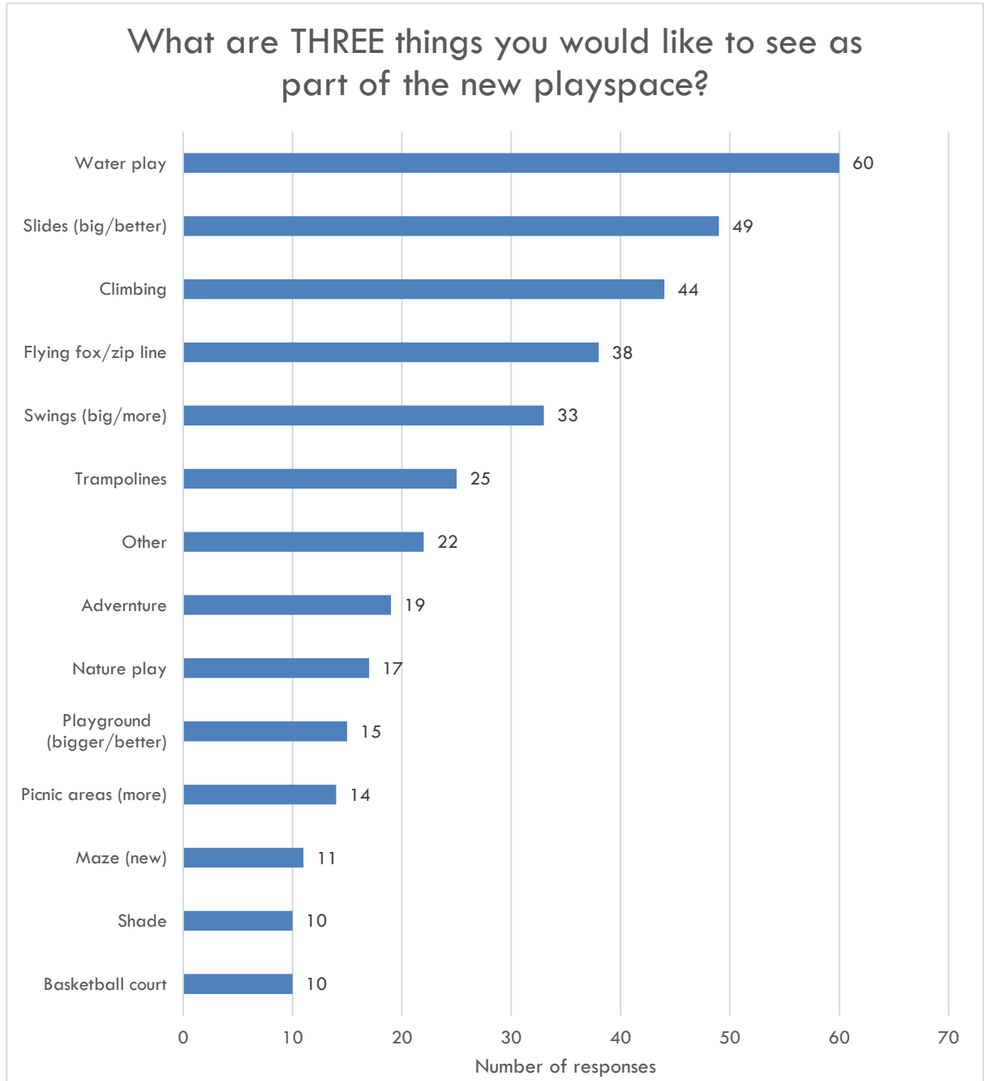
245 respondents indicated that things to climb on were the most important element with 45.7%, followed by adventure elements which are challenging (38.3%), things to slide on and nature play elements (23.2%) and things to hide in and go through (20.4%)



5.14 What are the three things you would like to see as part of the new playspace?

245 respondents answered this question. 24.5% of these want to see water play elements, 20% would like to see slides (big and better), 17.9% would like to see climbing elements, 15.5% would like to see a flying fox or zip line and 10.2% would like to see trampolines.

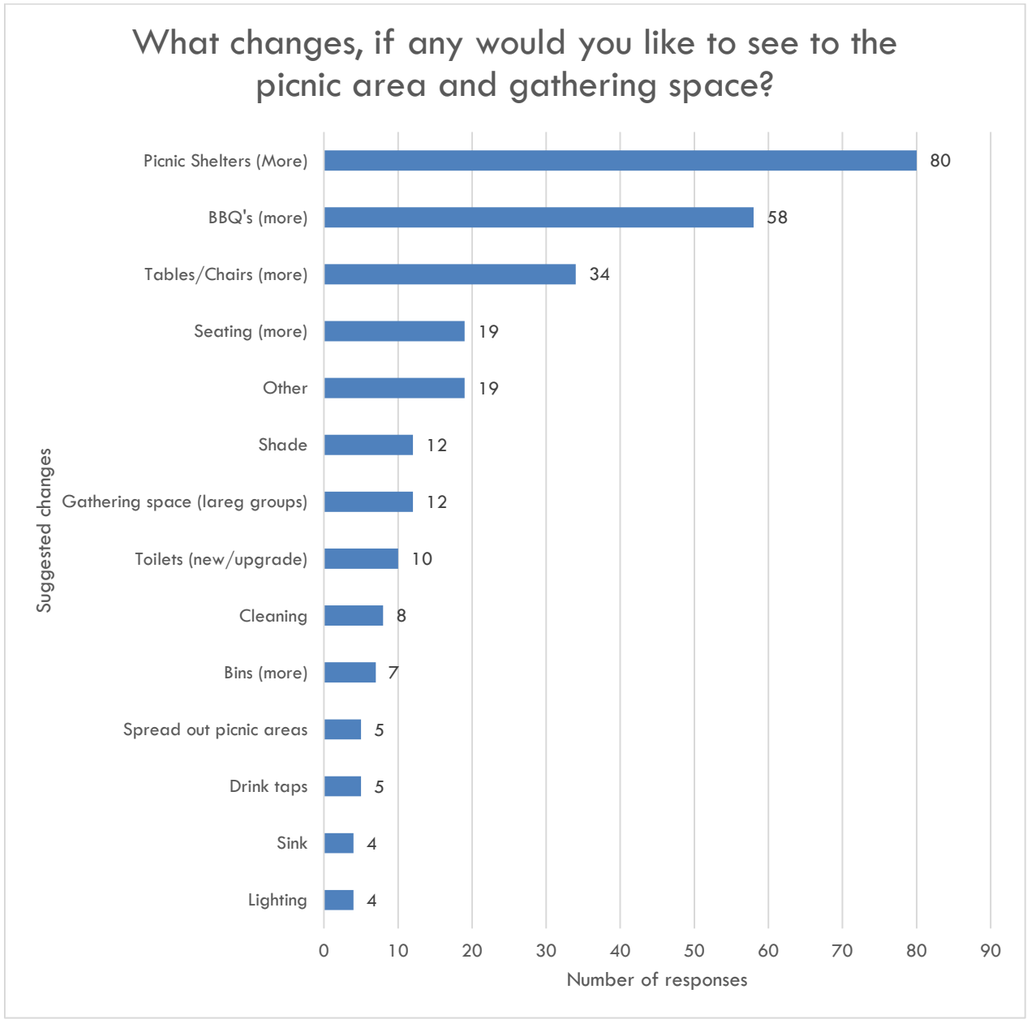
Other things that were listed on ten or more occasions were: adventure elements, nature play, a bigger and better playground, more picnic areas and shelters, a new maze, shade and a basketball court.



5.15 What changes, if any would you like to see to the picnic area and gathering space?

177 respondents provided ideas for changes to the picnic area and gathering space. 80 respondents (45.1%) would like to see more picnic shelters, many of whom wanted to see them spread out and not in the one area. More BBQs were also suggested by 58 respondents (32.7%), followed by more tables and chairs (19.2%) and more seating (10.7%).

Other suggestions to note included a large undercover gathering space for larger groups, an upgrade to the toilets, more bins and drink taps, a sink and lighting.



6. Place-based Pop-Up Engagement

6.1 Overview

The approach used for the place-based engagement activities was the ChatterBox pop-up trailer platform. This platform is a bright yellow, custom built mobile trailer that has been specifically designed to take creative and fun engagement tools to locations where people already are present.

The pop-up trailer went out to two different locations within the Hannah Watts Park precinct on three occasions.

The location and timing of the pop-ups were carefully selected to ensure the engagement activities intersected with busy periods or specific events, providing the best chance to connect with a broad range of community members who are typically hard to reach.

Hannah Watts Park precinct master plan place-based engagement pop-up schedule

POP UP	DATE	TIME	LOCATION
Pop Up 1	Thursday 12 April	10am-1pm	Main Street near picnic area and playground
Pop Up 2	Sunday 22 April	11am-2pm	Main Street near picnic area and playground
Pop Up 3	Thursday 26 April	3:30pm-6:30pm	Melton Recreation Reserve, near oval, skate ramp and netball court

6.2 Pop-up trailer engagement tools

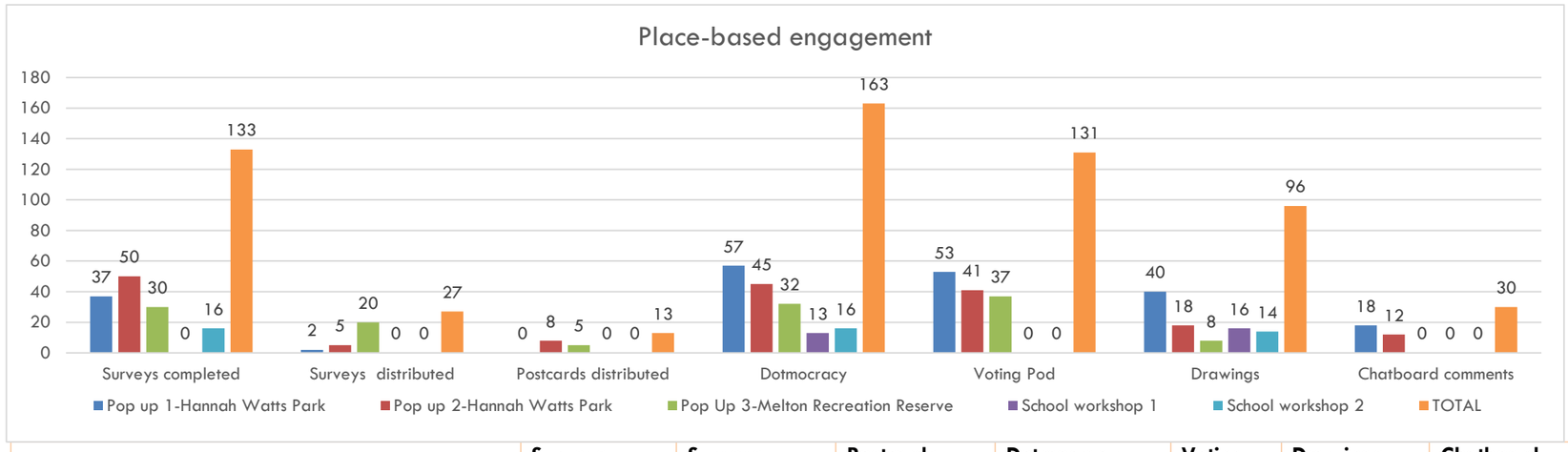
The tools used as part of the pop-up platform were specifically designed to:

- gather data that aligned with the Hannah Watts Park survey
- enable people to get involved in a range of ways, especially if they felt uncomfortable filling in a survey or were time-poor
- encourage responses from a diverse range of people including children.

The table on the next page outlines the pop-up platform engagement tools that were used.
In total, over 420 ideas and views were gathered through the place-based consultation activities (chatboards, dotmocracy, big ideas drawings sheets etc) as well as 133 surveys being completed on-site. An additional 27 surveys were distributed to the community to complete at home. Furthermore, the place-based activities enabled engagement with people that otherwise may not have participated in traditional council engagement methods, including children, busy parents/carers, older people, people with a disability, people from diverse backgrounds and people from low socio-economic backgrounds.

6.3 Engagement breakdown

The breakdown of the type of participation by pop-up is shown in the chart and graph below.



	Surveys completed	Surveys distributed	Postcards distributed	Dotmocracy	Voting Pod	Drawings	Chatboard comments
Pop up 1-Hannah Watts Park	37	2	0	57	53	40	18
Pop up 2-Hannah Watts Park	50	5	8	45	41	18	12
Pop Up 3-Melton Recreation Reserve	30	20	5	32	37	8	0
School workshop 1	0	0	0	13	0	16	0
School workshop 2	16	0	0	16	0	14	0
TOTAL	133	27	13	163	131	96	30

6.4 Overall Findings

6.4.1 Dotmocracy Results



24 images were displayed as part of the dotmocracy activity and people were given three dots to vote for their three favourite images. (Please see appendix for list of images and full results.)

A total of 164 people engaged with this activity, 127 participants were under 18 years and 37 were over 18 years. 492 dots were used.

Overall, the three most popular images were an image of a giant slide which received 75 votes, (45.7%) an image showing a flying fox which received 55 votes (33.5%) and an image showing an inground trampoline, which received 53 votes (32.3%).



Children & young people

The six most popular images chosen by young people were: the giant slide with 60 votes (47.2%), a flying fox with 45 votes (35.4%), inground trampolines with 33 votes (25.9%), a giant rock climbing wall (bouldering) with 29 votes (22.8%), a picture of a flat bike/scooter track with 20 votes (15.7%) and a basketball court with 19 votes (14.9%).



Adults

The five most popular images chosen by adults were: inground trampolines with 20 votes (54%), a giant slide with 15 votes (40.5%), a flying fox with 10 votes (27%), a manmade creek with 8 votes (21.6%) and a wooden adventure playground and large sand pit with 6 votes (16.2%).



6.4.2 Chatboard responses

A total of 30 comments were made on the chatboards, 18 at the pop-up on the 12 April (Pop-up 1) and 12 on the 22 April (Pop-up 2).



Please note: The following comments are unedited verbatim responses as submitted

CHATBOARD 1 What would you like to see as part of the new playspace, picnic area and gathering space?	CHATBOARD 2 What changes, if any would you like to see to the Hannah Watts park precinct?
More-BBQ area	More pathways (agree)
More tables and chairs	Creek crossing if often slippery and unsafe particularly for older people
Fence to block off water area	Shaded seating areas
Dog off lead area	Creek needs cleaning
Flying fox	Need clean toilets and baby change rooms
Flying fox	Need a tap at the middle playground
Rock climbing	More bins

CHATBOARD 1 What would you like to see as part of the new playspace, picnic area and gathering space?	CHATBOARD 2 What changes, if any would you like to see to the Hannah Watts park precinct?
maze	Need bridge at dip
Volleyball net	Drinking fountain
Zipline	More car parking spaces
Jumping pillow	New toilets
Rock climbing	Playground for under 3's
Bike racks	
Trampoline	
Rock climbing	
Trees that you can climb without almost falling in the river	

6.4.3 Voting pod responses

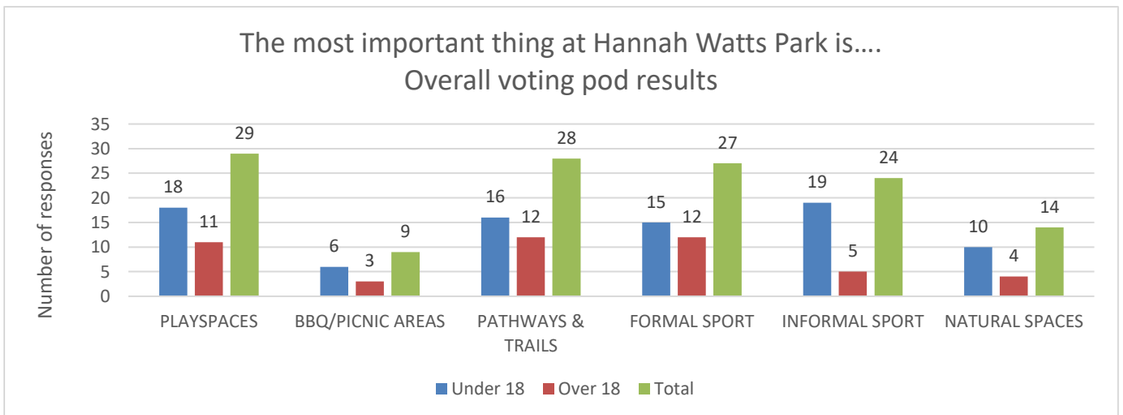


The voting pod had six elements to choose from: playspaces, BBQ/Picnic areas, pathways and trails, formal sport, informal sport and natural spaces.

A total of 131 people participated, 84 of these were young people under 18 years and 47 were people over 18 years.

The results of the votes were very close between the six elements.

Overall, 22.1% of people voted for playspaces, followed by 21.37% voting for pathways and trails and 20.6% voting for formal sport.
Of the 84 young people who voted, 22.6% voted for informal sport followed by playspaces (21.4%) and pathways and trails (19%).
Of the 47 adults who voted, pathways and trails and formal sport received 25.5% of the votes followed by playspaces (23.4%).



6.4.4 Big ideas drawings results

A total of 96 children and young people provided their ideas for the Hannah Watts Park or playspace through drawings. 66 of these were produced at the place-based pop-ups and 30 were produced at school workshops.
All drawings were analysed. The results of this are below.

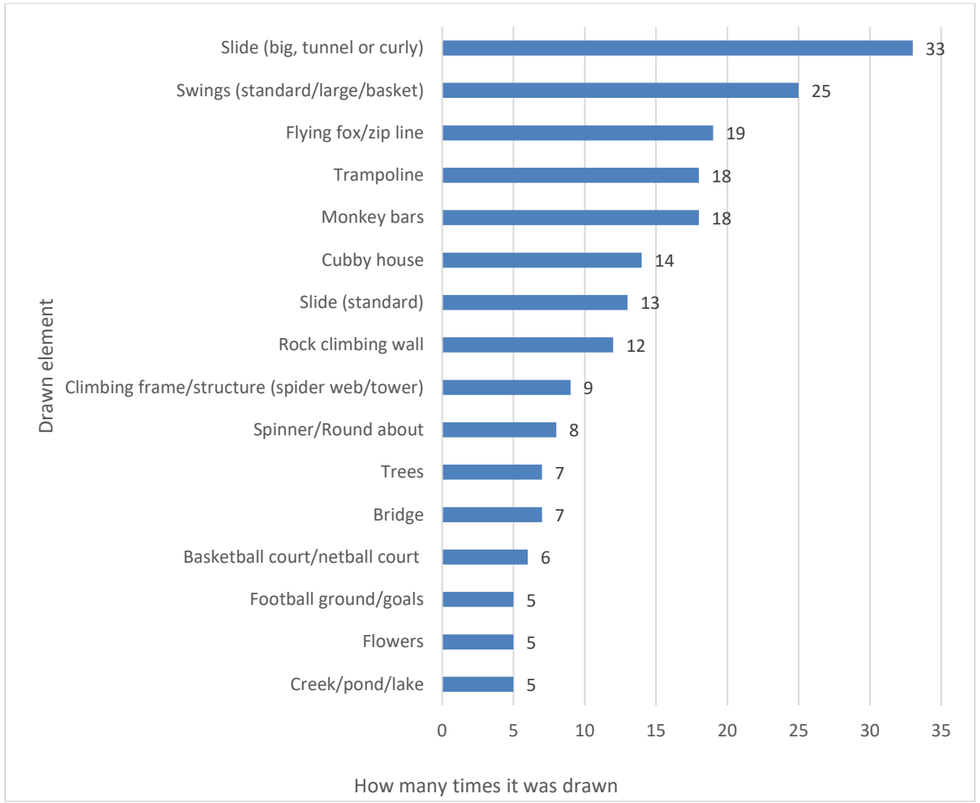
Please note all attempts were made to count each element on each drawing, however many designs were very elaborate, some elements were not labelled, and some were from very young children.

The five most commonly drawn items were a slide (big, curly or tunnel slide) with 35.4%, swings such as basket/giant or standard swings with 26%, flying fox or zip line (19.7%), trampolines and monkey bars with (18.7%).

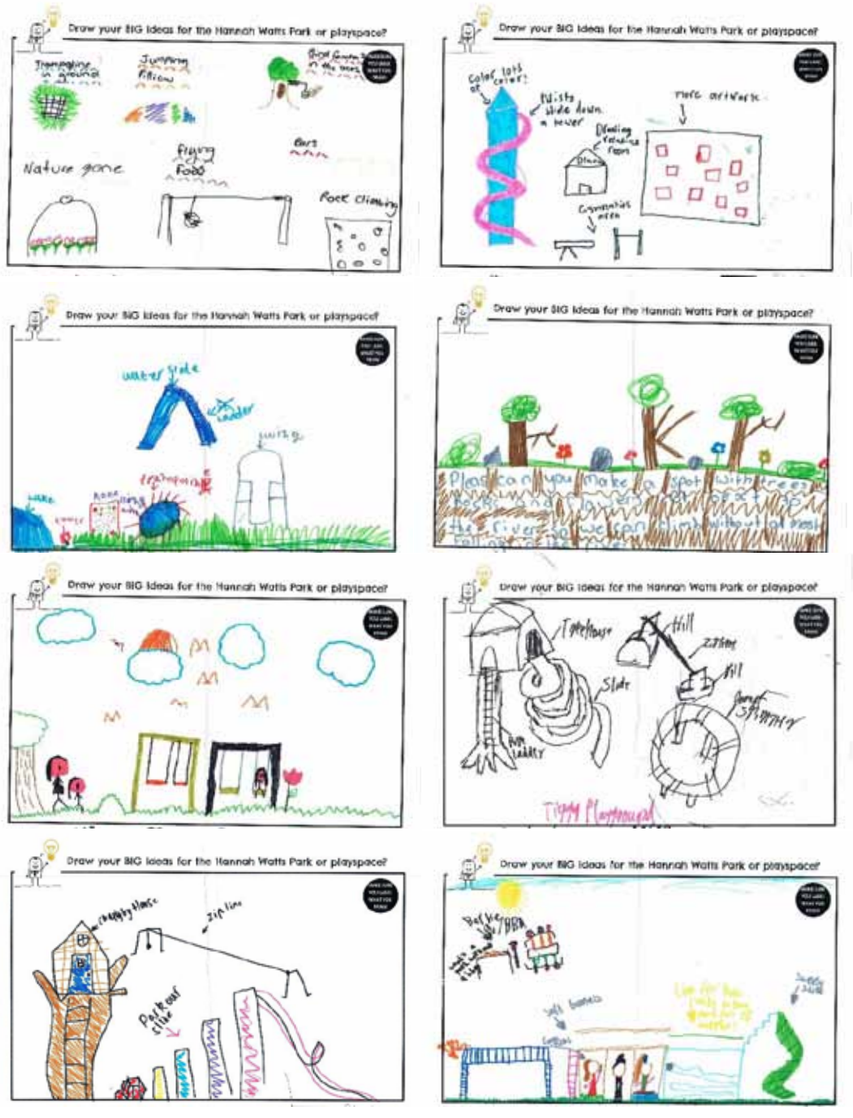
Other popular elements included a cubby house, slides, rock climbing wall and climbing elements.

(Please note a full list of drawn elements can be found in the appendix.)

A list of elements that were drawn five or more times are below.



Sample drawings



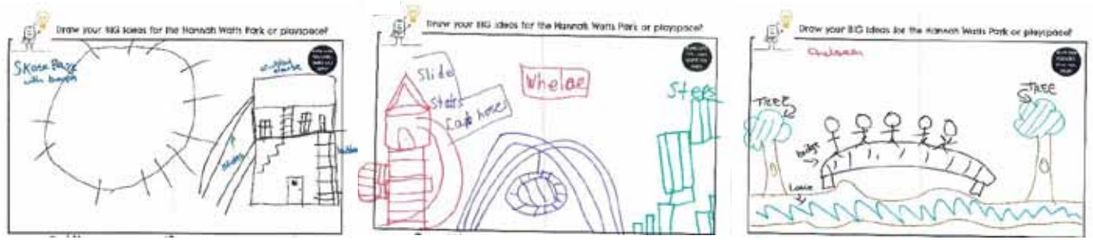
7. School workshops

Four schools were invited to attend a school workshop; however, two schools were unable to attend. Two school workshops were held, one on-site at Hannah Watts Park and one on-site at the local specialist school. Students from St Dominic's Primary School and Melton Specialist School were involved.

- 30 students attended a workshop
- 16 students completed a survey
- 30 students drew what they would like to see in the new playspace

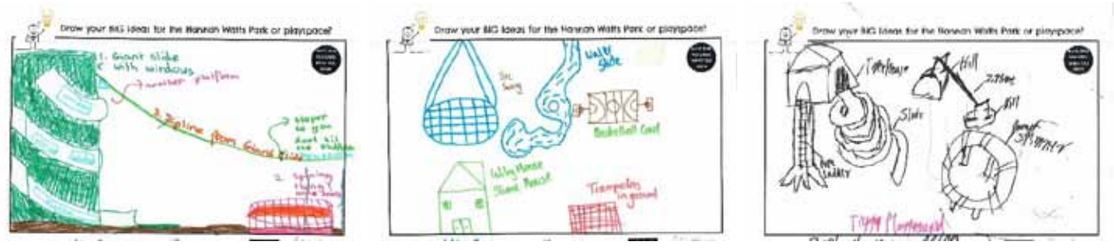
Most students were engaged in three specific activities to gather their ideas and feedback about the Hannah Watts Park precinct. These activities included a survey, a dotmocracy activity, and a 'draw your big ideas' design sheet.

7.1 Melton Specialist School workshop



14 students were involved in this workshop. During the workshop some activities were modified, and other activities were undertaken to gather the students' feedback and ideas.

7.2 St Dominic's Primary School workshop



16 students from St Dominic's Primary School attended an ideas workshop on-site at Hannah Watts Park. The results of the surveys undertaken by students, the dotmocracy activity and their drawings have all been included in the overall place-based pop-up results.

8. Stakeholder workshops and meetings

Four stakeholder workshops were scheduled, two for internal Council staff and two for external stakeholders including current users of the facilities at Hannah Watts Park precinct.

A range of individual meetings were also held with sporting clubs and other organisations to talk about specific needs and ideas.
The workshops involved the use of traditional tools such as sticky notes and butchers paper as well as some online tools where participants could respond directly to a screen.

8.1 Internal Staff workshops

18 staff attended the two internal staff workshops. There was representation from Economic Development and Tourism, Recreation and Youth, Events and Culture, Environmental Services, Engineering Services, Social Planning, Community Capacity, Parks and Family Services, Open Space Planning, Waste Management, Community Participation & Engagement, Environmental Health, Library Activation and Engagement and Infrastructure Planning.
The notes from both workshops have been combined for this report.

Please note: the following comments are unedited verbatim responses as submitted

Best thing about Hanna Watts Precinct
▪ Dog friendly Park
▪ Free parking
▪ Wayfinding signage
▪ Condoms in toilets trial a success here
▪ Controversial however - (it's a local beat)
▪ Great place for memorial tree and path - reflection space
▪ Great Pokémon go location!
▪ Great location for harmony day celebrations
▪ Old ford
▪ Great place to engage community
▪ Water ways
▪ Caters to all ages and interests
▪ It's big and connected
▪ Quite accessible
▪ Walk parks
▪ Great community event location
▪ Youth activity zone
▪ I really like the shared paths around the precinct. They allow us to walk around and enjoy all the natural elements of the path.
▪ All ages friendly
▪ Great central natural open space celebrated widely by community
▪ Shared path through big trees and next to the creek. Removed from the noise of traffic
▪ It is accessible at any time for anyone
▪ Natural open space in the middle or urbania
▪ Mix of types of activities

Best thing about Hanna Watts Precinct
▪ Accessible open space
▪ Beautiful trees
▪ Walking tracks, trees, green space, playspace, bird life, sports provision, community opportunities to gather and come together
▪ The creek within the park
▪ Location
▪ Location as a welcome to town
▪ Accessibility
▪ Greenery at main gateway
▪ Proximity to town centre
▪ The walking track that is part of a broader circuit.
▪ Birds
▪ Grass
▪ Connectivity to other precincts (Willows) (Toolern Creek)
▪ Grass
▪ In touch with nature
▪ Shared paths
▪ Birds
▪ Environment
▪ Trees
▪ Trees
▪ Wildlife
▪ Scale
▪ Walking tracks
▪ The flexibility of the open space
▪ Multi-functional
▪ Size
▪ Creek / nature
▪ Freedom of open space
▪ Range of activities
▪ Trees
▪ Walking tracks
▪ Open space
▪ Playground

The biggest challenge for the precinct is…
▪ Change Liberty Swing to a better piece of 'accessible' equipment
▪ Park is a busy place, challenge is to enhance the activities that already work well...as opposed to introducing new infrastructure
▪ Environmental changes - dry pond and jetty
▪ Link to golf course
▪ Upgrade toilets
▪ catering for all ages
▪ CFA run
▪ CFA tin?
▪ The artists hut is quite isolated
▪ Narrow bridge near tennis

The biggest challenge for the precinct is…
▪ Access from the north on foot
▪ Power access
▪ Had slip incident at recent event
▪ Some paths are really slippery when gum nuts fall
▪ Halal BBQ's
▪ Bike park link
▪ No indication of how long paths take to walk
▪ Enabling regeneration of remnant native vegetation
▪ Footpath safety
▪ Lightning?
▪ Unless you have a chance to explore, you don't know all the things that are on offer.
▪ Universal change table and unisex toilet
▪ lighting
▪ Toilets
▪ Lack of accessible (esp. wheelchair) play equipment
▪ Cyclists and walkers on shared path
▪ Lack of clear connection with the Melton Town Centre business precinct.
▪ vandalism
▪ Litter (particularly in and around the creek)
▪ Legibility
▪ Crossing high street is a challenge
▪ Activation of honey shack
▪ enhancing it for future users
▪ To maintain the natural elements that people currently enjoy, while
▪ Keeping it green.
▪ The name and how people identify it
▪ Indigenous cultural significance
▪ Interpretive signage, maps etc
▪ No lights on shared path
▪ Walking tracks don't connect with a coffee shop
▪ No natural/passive surveillance
▪ Needs sensory areas for kids
▪ Playground equipment is fixed and doesn't allow creativity
▪ Clooks (sic) dry in summer.
▪ Multi Purpose (activity vs social)
▪ Parking during events
▪ Snakes in hot weather
▪ The scale of it
▪ Snakes in waterway
▪ No fence for children
▪ Parking
▪ Community awareness
▪ Access for people with mobility challenges, monitoring of children near water, more seating along waling tracks
▪ Dogs of leads
▪ Isolated from residential areas.
▪ Footpath into Main Street

The biggest challenge for the precinct is…
▪ Reputation of safety e.g. toilets
▪ No fence around playground
▪ Car parking
▪ Safety of Kids they can reach roads and creek
▪ Sun safe
▪ Meeting the community expectations
▪ Shelter
▪ Bringing it all together
▪ Multi use (events and public)

Master plan

What challenges are being faced for the precinct or for the facilities you manage?
▪ Drinking in public spaces
▪ Graffiti
▪ Overuse of footy ground
▪ Parking during sport
▪ Oval too small
▪ Raglans Cottage-vandalism and not fit for purpose
▪ Passive surveillance
▪ Age of buildings
▪ Management of The Willows
▪ Proximity from carpark to picnic areas

What barriers are stopping the community from using the facilities or park?
▪ Footpath connections (across High Street)
▪ Lack of playground enclosure
▪ High volume of vehicle traffic during club match days
▪ Fence surrounding The Willows
▪ Half pipe under utilised
▪ Lack of connectivity
▪ Signage
▪ Seating
▪ Access across High street
▪ Underpass is too dark

What changes need to occur to the precinct or the facilities you manage to address these barriers and challenges?
▪ Wayfinding signage
▪ Lighting in park (need to consider impact on animals)
▪ Signage (directional, how far, seating)
▪ Connect to Botanic Gardens

What big ideas do you have for improving or developing facilities or the precinct overall?
▪ Increase accessibility other than by car
▪ Legibility through signage

What big ideas do you have for improving or developing facilities or the precinct overall?
▪ Connect to adjacent areas (footpaths)
▪ Heritage information throughout precinct
▪ Hospitality options (food/coffee)
▪ Dog park
▪ Walking track (like the tan)
▪ Exercise stations
▪ Raglan Cottage-intervention, integration-Arts/coffee shop
▪ Police paddock
▪ Food truck park
▪ Community gardens
▪ Creative spaces

Stage 1- Hannah Watts Park upgrade

What challenges are being faced for the stage 1 area? (playspace picnic/BBQ area, event space, toilets, carpark, entry)
▪ Lack of fencing
▪ Accessibility (prams/wheelchairs)
▪ Competition with playgrounds (New estates)
▪ Maintain natural feel/play
▪ Cater for all age groups
▪ Toilets (unsocial activity)
▪ Location of exercise equipment near playground
▪ Winter use
▪ Access to toilets across the car park
▪ Location of stage
▪ Age of infrastructure
▪ Toilets
▪ Current play equipment

What barriers are stopping the community from using any of the facilities in the stage 1 area?
▪ Toilets

What changes need to occur to the stage 1 area to address these barriers and challenges?
▪ Fencing (check out Bridge Road playspace)
▪ Interpretive signage

What big ideas do you have for the playspace picnic/BBQ area, event space, toilets, carpark and entry?
▪ Exercise equipment or things for teenagers to do
▪ IBEACON technology
▪ Wi-Fi
▪ Collecting data/stats electronically
▪ Outdoor meeting space
▪ Frisbee golf
▪ Rec vehicles
▪ Walk-a-bility improvements
▪ Indigenous playground (Lake Wonderee)

What big ideas do you have for the playspace picnic/BBQ area, event space, toilets, carpark and entry?
▪ Challenging/adventure playspace
▪ Nature play
▪ Sensory play
▪ Flying fox
▪ Inclusive for grandparents to participate
▪ Liberty swing to go or be truly integrated
▪ Basket swing
▪ Integrate old logs/equipment
▪ Coffee cart/café
▪ Free Wi-Fi
▪ Wheelchair accessible

Any other comments, thoughts and ideas?
▪ It is outside the scope of this project, but we have the Melton Botanical Gardens within a stone's throw which is a great asset that can add to the Hannah Watts precinct.
▪ Activate west of the willies, minimum hike bike links
▪ Age targeted interactive arts
▪ If it's not broken...enhance it...!
▪ Incorporation of arts features
▪ the master plan needs to keep the aesthetic of the area and not lose its natural feature
▪ First Australian features
▪ Bring public art into the precinct
▪ Shade incorporated into play space and equipment
▪ Practical access to waste collection points, ideally away from public and foot traffic
▪ Interpretive signage
▪ Indigenous significance
▪ It would be great if the precinct had a focus on play, social connection and creativity

8.2 Key Stakeholder workshops and meetings

Ten key stakeholders attended the first workshop. Unfortunately, due to low numbers, the second workshop was cancelled.

There were representatives from the Melton South Football Netball Club, Bridgette's Dog School, Willows Historical Society, Nordic Walking Group, Vietnam Veterans and Melbourne Water.

There were also individual meetings with a range of groups and clubs including the Melton South Junior and Senior Football Club and Netball Club, The Melton Bowls Club, The CFA, Friends of Toolern Creek, Melton Rotary Club, the Melton CFA and Melton Country Club.

Key stakeholder workshop notes

Please note: the following comments are unedited verbatim responses as submitted

What is the best thing about the Hannah Watts Precinct?
▪ Playgrounds and walking tracks
▪ Natural environment
▪ Football oval & playgrounds
▪ Locations
▪ Open spaces
▪ Location
▪ The creek
▪ Pretty peaceful creek
▪ Sports arena and location

The biggest challenge for the precinct overall is….
▪ Signage and more parking
▪ No real training ground for dog training
▪ Precinct - a dedicated dog training ground and club room fully fenced.

Master Plan

What challenges are being faced for the precinct or for the facilities you use?
Facilities at sports oval
▪ Driveway location
▪ No female facilities
▪ Expansion of sports oval
▪ Not enough netball courts
▪ No girls change rooms
▪ Toilets around ground
▪ Fencing
▪ Driveway locations
▪ Expansion limitations
▪ Creek-there is too much public access, we need buffer areas of wider vegetation to protect fauna
▪ Dogs and bikes using the oaths as well as walkers
▪ Crossing roads to the Willows
▪ Rubbish ending up in the creek
▪ Limited natural habitat along the creek
▪ Signage at Willows
▪ Bird feeding
▪ Signage and gateways at The Willows

What changes need to occur to the precinct or the facilities you use to address these barriers and challenges?
▪ Sports activities
▪ Children playgrounds
▪ More seating
▪ Signage
▪ Parking

▪ Bridges over creek at High Street and south side of Hannah Watts Park
▪ Treatment of stormwater about outfall near bird feeding spot
▪ More seating and BBQ areas

What big ideas do you have for improving or developing facilities or the precinct overall?
▪ The cottage on High Street used as club rooms for dog training using behind and to the side fully fenced and trees on boundaries
▪ Landscaping-native planting to control erosion, manage access to creek
▪ Manage access points to creek

Stage 1-Hannah Watts Park Upgrade

What challenges are being faced for the stage 1 area? (playspace picnic/BBQ area, event space, toilets, carpark, entry)
▪ Chairs and tables south eastern corner is in a bit hidden, too close to creek with rubbish and bad behaviour
▪ Remnant redgums at south eastern corner needs buffer protection

What changes need to occur to the stage 1 area to address these barriers and challenges?
▪ Move chairs and tables away from creek
▪ More disabled parking
▪ Toilet upgrade
▪ More bus parking
▪ More seating
▪ Playground is too small
▪ Toilets
▪ Car parks-not enough for traffic
▪ Not enough BBQ's and table areas
▪ Safety fence between playground and creek
▪ More tables
▪ Wider walking paths for walkers and cyclists

Any other comments, suggestions, thoughts?
▪ Bring public art into the precinct
▪ Shade incorporated into play space and equipment
▪ Practical access to waste collection points, ideally away from public and foot traffic
▪ Interpretive signage
▪ Indigenous significance
▪ It would be great if the precinct had a focus on play, social connection and creativity

8.3 Individual meetings

MELTON SOUTH JUNIOR FOOTBALL NETBALL CLUB
Profile: Approx. 300 players
Football: 1 x U9, 1 x U11, 1 x U13, 1 x U15, 1 x U17.5 – all boy's teams, no girl's teams
Netball: 1 x U11, 1 x U13, 1 x U15, 1 x U17
Auskick: 40 boys, 14 girls
▪ Club is affiliated with the Riddell District Junior Football League

- Number of players has plateaued in the past 5 years, and before that period the Club previously had two football and netball teams in most age groups. Main reason for decline is the population in central Melton area has aged, and there are now three junior football-netball clubs
- Usage: Training – Tuesday, Wednesdays (Superules), Thursdays
- Matches on Saturdays
- Auskick early Friday evening

MELTON SOUTH FOOTBALL & NETBALL CLUB (CLUB FORMED IN 1973)

Profile: Approx. 150 players

Football: Seniors, Reserves & U18s, and 2 Superules teams (35 yrs & 45 yrs)

Netball: 6 teams – A, B, C, D & E Grade, and 1 x U19 (Saturday teams) and 4 other teams that play in

- Club is affiliated with the Ballarat Football League and the Victorian Country Masters Australian Football League
- Number of players has increased in the past 5 years, mainly in the Superules teams

Usage: Training – Mondays, Wednesdays, Thursdays & Fridays

Matches on Saturdays and Sundays (Superules)

Issues and Opportunities

The following issues and opportunities generally impact and are shared by both clubs:

Pavilion

- Poor quality home and away change rooms (size, condition, amenities are non-compliant)
- No female change rooms for netballers or female footballers (netball change rooms are being installed this season adjacent to the new court)
- Umpires change rooms are small, the amenities are non-compliant, and they do not accommodate males and females concurrently
- Lack of storage
- Social room is in good condition; however, the canteen/ kitchen is too small, and the bar and food serving share the same servery

Netball Courts

- One netball court is inadequate to accommodate demand (the other two existing courts are in poor condition)
- Netball floodlighting needs upgrading
- Ongoing conflict with the skate park users (vandalism, rubbish/ litter on the courts)

Football Oval

- Oval is orientated east-west for football (brings the hard wicket into play as a '25m barrier' across the middle of the ground)
- Goal to goal is 150m in length, which is on the small side for senior footballers
- Condition of the oval surface is poor
- Club's preferred position is for the ground to be reconstructed as a north-south oval of dimensions 165m x 130m, with a new pavilion on one of the wings (preferred east side)
- Current goal and behind posts are too short
- Additional spectator shelter is required
- Public toilet is a portable building

Other

- Junior Club has an opportunity to relocate to another reserve south of the highway, which both clubs support – takes the junior club to a growth area of the township

- Car parking is generally adequate for the 500-1,000 people crowds (most park around the oval), however, the road network is poor. Currently, the netballers and playground users need to cross the reserve access road (safety issues)
- There is ongoing conflict with the skate park users – prefer that the skate park not be floodlit
- Senior Club has an aspiration to play night games
- Reserve perimeter fence is required to be retained

MELTON SOUTH CRICKET CLUB

Profile: Approx. 85 players

5 x senior teams (2 turf, 3 synthetic), 1 x U12

In2Cricket introductory program: 10 children

- Club is affiliated with the Victorian Turf Cricket Association (turf teams), the Western Suburbs Churches & Community Cricket Association(synthetic teams), and the Melton Junior Cricket Association (junior team)
- Number of players has declined in the past 5 years, from 6 senior teams and 3 junior teams. Main reason for decline is the relocation of the Club to Melton Recreation Reserve 3 years ago out of the growth area. The Club is likely to have access to an oval south of the highway in the next 1 – 2 years from which its junior program will be operated (within the growth area)
- Usage: Training: Seniors Tuesday and Thursdays
- Training: Juniors: Wednesdays
- Matches: Friday evening (juniors) and Saturdays (3rd XI, 4th XI and 5th XI)
- In2Cricket: Wednesdays
- Club only uses the Melton Recreation Reserve, and no other areas of Hannah Watts Park

Issues and Opportunities

The following issues and opportunities were raised:

- Club is planning for the installation of a turf centre wicket table at Melton Recreation Reserve. As well as the pitch, this will require a maintenance shed to house the roller, covers, and other maintenance equipment
- Preferred location for a new maintenance shed is close to the practice nets to enable increased storage and a closer access to a power source for the bowling machine.
- Club would prefer a third cricket training net (currently there are two nets)
- Club indicated that enclosed cricket practice nets would work well for them
- Club would like the car park upgraded – sealed
- Existing pavilion adequately meets the needs of the Club, and the Club has a co-operative relationship with all other tenants

FRIENDS OF TOOLERN CREEK

Comments

- The Friends do their work (planting and cleaning) on the Toolern Creek just south of our master plan boundary

Requests and Ideas

- Exercise equipment across precinct
- Solar lighting along pathways
- Stage 1 – more play equipment, shading, seating
- Stage 1 – boardwalk parallel to creek to provide platform to see and feed ducks

▪ Build pedestrian bridge at the pathway-creek intersection near stage 1, where it's steep
▪ Find a way to fill dry reservoir with water again
▪ Decorate 'Coronation Tree' with Christmas lights during Christmas

MELTON ROTARY CLUB
Comments
▪ Hannah Watts Park was originally named 'Rotary Park'
▪ The Melton Rotary Club planted many of the now mature trees along the Toolern Creek in past decades
▪ The Rotary Club helped build and fund the shelters
▪ Build order of items within Hannah Watts Park was: shelters -> toilets -> play equipment. Items were
▪ Melton Rotary currently assist with Djerriwarrh festival
Requests and Ideas
▪ Wayfinding signage across park to highlight footy club, willows, botanica trail, etc
▪ Fence around playground for parent peace of mind
▪ Reinstall existing 'Rotary Club' signage for usage in the new park, in order to recognise past contributions from the Rotary Club
▪ Large 'welcome to Melton' type sign on High Street to promote active clubs in area

YOUTH PROGRAMS AND EVENTS - RECREATION AND YOUTH
Comments
▪ Skate park is well utilised
▪ Skate park is occasionally used for small educational events, particularly the stand alone brick graffiti wall
Requests and Ideas
▪ Exercise equipment across precinct
▪ More lighting, shading, across precinct
▪ Would like to see a general upgrade to the skate park
▪ In skate park - Installation of BBQ, more seating, shelter, closer bins

ENGINEERING SERVICES
Comments
▪ Poor drainage around skate area, tennis court, netball courts
Requests and Ideas
▪ Drainage be installed in adjacent road reserve that can be tapped into

COMMUNITY PLANNING-METRO ACCESS
Requests and Ideas
▪ Maintaining the visual appearance and focal point (lot of people love this location
▪ Upgrade Access path system, particularly for Djerriwarrh festival linking the sights
▪ Move playground close to shelters an BBQs, but away from creek area
▪ Accessible play equipment

▪ Consider 3phase power to the site - Djerriwarrh festival, Carols by Candlelight etc
▪ Consider all uses
▪ Make this a multipurpose park

EARLY YEARS PARTNERSHIP
Comments
▪ Maze is popular with the kids
Requests and Ideas
▪ Build a new maze, preferably a new one in the Stage 1 area as it's a more family friendly area

CIVIL OPERATIONS DEPARTMENT
Comments
▪ CFA's fire track was resurfaced approx. 5 years ago
▪ Carpark adjacent netball court can be resurfaced with recycled asphalt. Carpark surrounding the footy oval shouldn't get recycled asphalt due to the amount of vehicle through traffic being too high for what the recycled asphalt can withstand.
▪ Precinct 2 has a number of pits
▪ Footpath running north of the Melton recreation reserve toilet blocks the swale that cuts across it
▪ Bollards were installed north of the cricket nets in the last few years to block as a way to block cars from driving into this area / nets
Requests and Ideas
▪ Where new concrete footpath is likely to be driven on by maintenance vehicles, raise specification to be similar to Council's industrial crossovers
▪ Where bollards required, use black recycled variety. These can also be engraved and therefore can be used for

VICTORIA POLICE (MELTON)
Comments
▪ Hannah Watts Park (stage 1) existing carpark design is effective for preventing hooning
▪ Hooning in Melton Recreation Reserve carparks not considered high priority
▪ Stage 1 toilet block is known by police force for the unsociable behaviour. Not currently included on their 'tasking sheet' which stipulates scheduled patrols, however police have patrolled it in the recent past
▪ Behaviour in toilet block is most frequent issue they hear about
▪ Review of crime in the Hannah Watts precinct is relatively normal. No particular surprises or concerns outside of the toilet blocks
▪ Melton Rec Reserve toilet used for drug taking at night. Adjacent gravel carpark is also used for drug deals. Unlike Stage 1 toilets, issue not large/common enough to be on all the police's radar
Requests and Ideas
▪ Avoid creation of secluded areas which will encourage undesirable behaviour
▪ Include CPTED principles in designs, in particular ensuring that trees planting are either shorter than 1m or pruned up to 3m, to allow for passive surveillance

- Consider 'do not leave valuables in car' sign near Stage 1 carpark to mitigate risk of break-ins. Not currently big concern but may become one due to increase in expected usage
- 'No entry' access in Stage 1 carpark is used as entry. Consider bollards between this access and playground to protect from vehicles which lose control
- Preference for new Stage 1 toilets to be located near the road exit / 'no entry' area, so that it could be patrolled easily and would have more passive surveillance. Concern that the location proposed on the concept plans is not visible enough
- Preference for Melton Recreation Reserve toilets to be moved to near the skate park, where it would have more passive surveillance given the high activation of the skate park across all hours
- Lighting for the Stage 1 shelters should be timed to switch off when it's outside of reasonable hours of usage for their intended purpose. Having the lights on all night further encourages antisocial gatherings/behaviours

MELTON BOWLING CLUB

Club Profile and Reserve Usage

Profile: Approx. 155 members, includes 45 social/ non-playing members

5 pennant teams (Divisions 1, 2, 3, 6 & 7)

Club is affiliated with Bowls Victoria, and competes in the Metro West District

- Number of members has increased in the past 5 years. Main reason for the increase has the been the capital upgrade of facilities recently completed, and the high grade that the Club's teams play in
- The group was established in 1982 and leases the facility from Council. The Club has never been a part of the adjoining Melton Country Club.
- It is the only bowling club in Melton township

Usage: Tuesday: pennant

Wednesday: Over 60s competition

Thursday: social bowling (a.m.), training/ coaching (p.m.)

Friday: Members night (mainly social)

Saturday; pennant – usually 2-3 teams playing at home each week

Sunday: Interclub competition

- The Club hosts some barefoot bowls and corporate bowling events, however, its disconnect from the Melton CAD and location within the industrial precinct reduces the appeal of the club for these casual uses
- Club only uses the Melton Bowling Club facilities, and no other areas of Hannah Watts Park

Issues and Opportunities

- The following issues and opportunities were raised:
- Formalise/ upgrade (seal) the car park at the rear of the club facilities
- Install self-controlled lighting in the car park to enhance security when members and visitors are leaving the club facilities
- Upgrade the floodlighting over the greens (they are reaching the end of their functional life)
- Existing clubroom has been recently upgraded and adequately meets the needs of the Club
- The number and condition of the two synthetic greens adequately meets the needs of the Club (synthetic greens were recently replaced)
- The Club has a co-operative relationship with all other tenants

MELTON FIRE BRIGADE-CFA

Group Profile and Reserve Usage

Profile: Approx. 25 paid staff at the station (5 EFT), 40 volunteers, 12 auxiliary members (fundraising committee), and 30 juniors (11 – 17 years)

Number of volunteers has increased in the past 5 years. Main reason for increase is the reputation of the brigade and the growth in juniors. The junior program is the largest in Victoria

Usage: The fire training track at Melton Recreation Reserve was installed in 1995. The sub-surface pumping system and water storage was installed in 2007

Training

- Tuesday and Thursday: junior training (5.00-7.00pm)
- Tuesday and Thursday: senior training (7.00-10.30pm)
- Training is generally restricted to the period September - April

Competition

- Attracts more than 15 junior teams and 13 senior teams for competitions
- Currently, the timing of the Djerriwarrh Festival clashes with the only available date for competition (an issue for the brigade)
- The track has regional significance as a training venue, as it is also used by other brigades from within the Melton LGA, and beyond, for specialist training drills
- Brigade uses the oval for competitions and some training drills, and members use the tracks and trails in Hannah Watts Park for warm-ups

Issues and Opportunities

The following issues and opportunities were raised by the brigade:

- Brigade believes the Council does not fully understand and value the role of the fire training track and its potential for tourism benefits via competitions
- Lack of storage
- Install a fence on the north side of the fire training track to assist with competitions
- Install floodlights to assist with training outside of daylight savings times
- Install 3-phase power
- Install a second line into the water storage tank, or install a wider line (80mm – 100mm)
- New control box (could be shared with football club)
- Improve traffic management around the fire training track
- Install a separate 'marshall track' (is approx. the size of a tennis court)
- The Club generally has a co-operative relationship with all other tenants

MELTON COUNTRY CLUB

User Group Profile and Reserve Usage

Occupancy: Building is owned by Council

- The Melton Country Club is a business of the Essendon Football Club and they have leased the facility for 20 years
- All improvements to the building (extensions and upgrades) have been fully funded by the Essendon Football Club
- The Club sponsors the bowling club and the football netball club

Issues and Opportunities

The following issues and opportunities were raised:

- Increase activity and people movements throughout the open space at the rear of the building to enhance security and respond to undesirable behaviours, e.g. install a bridge over the creek from the northern playground in Hannah Watts Park
- Car parking a premium on Thursday evenings, but Club believes the area available is adequate

▪ Incorporate a bus service to the Melton Country Club, which would also service the football, cricket and bowling clubs
▪ The Club has a co-operative relationship with all other tenants

9. Social media comments



125 comments were received via Council's Facebook page about the Hannah Watts Park precinct master plan and stage 1 development. Some posts included images of playgrounds or elements.

This was in response to a post by the city asking the community 'What do your kids love when it comes to playgrounds? We're updating the Hannah Watts Park precinct and want to know your thoughts, so we can develop a master plan.'

24 comments requested a water park or water features with many references to the park at Woodlea. There were also nine requests for an adventure park, six for shade, six for more BBQs, five for a flying fox and four for a basketball court.

Please note: the following comments are unedited verbatim responses as submitted

Posted by	Comment	Image
Elise Berez	I saw a swing recently in Keith SA where a child can sit in a front seat and another child in a seat behind.	
Bec Anne	Some shade sails would be amazing	
Brad Bonnici	A playground like the timber one at Maddingley park would be fantastic.	
Kim Richards	(response to above comments) It'd be lit on fire for sure. I'd stick with plastic like woodlea	
Harry Harris	Response to above comments: Yeah Brad plastic doesn't burn.....	

Posted by	Comment	Image
Elise Berez	Also a big slide like this, which is in Nhill.	
Loretta Bowden	About time. Maybe a jumping pillow	
Chantel Grech	Maybe a water park like Woodlea	
Susan Kovacic	More BBQ areas	
Brayden Morton	Make it an adventure playground with big slides and challenging for all ages Also water areas for when it's hot	
Michael Were	Like Wet and Wild but free. And maybe a cricket field.	
Brayden Morton	Response to above comment: Great idea Michael 😉😊	
Amanda Olsen	Make it like the water play area in River Walk	
Justin Chrystie	Extend skate park more covering shades etc	
Lucy Marsh	Melissa hopefully they don't turn our park into one like they built in Benalla 🙃🙃	
Michelle Caruana	Some shade sails would definitly be nice, and maybe another set of baby swings perhaps	
Gloria N Issah Zakari	More BBQ areas	
Paul Bentivoglio	Play equipment for different ages (toddlers included) and a water area for when its hot (recycled water of coarse)	
Christy Lee	A waterpark and more shade would be awesome. Frontier park is something that could be looked at for inspiration.	
Christy Lee	Done. But the kids ages aren't able to all be chosen like asked so I could only choose the one age group	

Posted by	Comment	Image
Brandon Rogers	Basketball court!!!!!	
Lisa Nicholson	Response to above comment: Already plans for 5 court at Atherstone	
	Response to above comment: Brandon Rogers Atherstone isnt within walking distance for me	
Catherine Lennon	An over 30's play area! Always tripping over the kiddies and toddlers who don't like sharing the slide and swings 😅😄	
Habiba Rind	Make it like a adventure playground with big slides and challenging for all ages also water area when it's hot and some shade sails would be nice	
Rebecca Briggs	Water area like Woodlea	
Candice Di Mieri	More shade areas for picnic's. More BBQ's. My kids would love a splash park	
Sophie Krokos	More play equipment and undercover BBQ areas, a big adventure playground would be awesome	
Belinda Flanagan	Definitely a Water Play area, I drive to rockbank allot to their water Park, for such a big place Melton Parks surly need to improve... Considering how small Rockbank is !!! BBQ areas are always full, a few more would be great too 😊 ☺ Skate Park could be bigger, to hold comps there 😊 ☺ This is a great water Park layout !!	
Lara Konias-Skerman	Water park	
Rally Lee	We need a water playground for all ages and with plenty of shade, more seating areas and BBQ'S	

Posted by	Comment	Image
Candice Di Mieri	And that's just for us, Never mind the kids 😂😂	
Rally Lee	True Candice 😇😁😂😂	
Mang Noel Guanlao	pls. build a park inside the peppermint groove, harkness..children are just playing on the road	
Rochelle Richardson	A fence that goes around with gates, so u can sit and watch the kids and they cant get out onto the rd or creek and nick off!	
Traci Walters	Flying fox like up at Bridge rd playground	
Nikki InOz	The playgrounds at Woodlea are excellent. They have huge slides and a waterpar. That would be great at Hannah Watts. Also a cafe for the adults to have a coffee	
Elise Berez	Please consider something 'all abilities'. I saw a few around on our trip to South Australia recently. I dont think theres anyting 'all abilities' playground wise in the Melton area apart from disability swings.	
Sarah Lock	PT Obstacle course/adventure area. My kids love things like that	
Rachall Abdallah	Safety gates !!	
Misty Carter	Look at ballarat water park. Water park september - april basketball courts over winter. Its a great space	
Heather Dellemijn Blair	, check this out 🙂:)	
Blair Dellemijn	Federal funding is paying for it. Our local park, that needs the upgrade, is local funding.	
Tamsin King	Water play is a must!	
Wendy Ruane	Water play and safety gates	
Nathan Smith	Please add an adventure park type structure with plenty of places to climb, hide, run around on. Something different, something the older kids and teens can enjoy too. Too many playgrounds are aimed only at	

Posted by	Comment	Image
	little kids! Give the older ones something exciting to enjoy, as well as the young ones.	
Nathan Smith	And having water back in the little lake/pond there and planted up nicely would look great.	
Chris Watt	Absolutely agree i miss the lake and the wildlife it was a lovely spot to just enjoy a bit of quiet and relax.	
Kel Dee	Please upgrade the toilets!!	
Samantha Simmonds	A BMX Pump track. It's great for kids of all ages to try their skills out on little jumps. Have a look at the pump track in Darley.	
Cat Tsikkinis	What was there originally was 100% better then what is there now I don't understand why they replaced it in the first place	
Nicole Saunders	An adventure park, Something like St Kilda Adventure Park in SA, the budget would need to be huge ! But a water park to would be great	
Christina Magri	Something like the woodlea parks...	
Megan Beasley	Water Play similar to Woodlea Parks kids absolutely love it	
Nat Wright	Werribee have a way better splash park than Rockbank 🙂😉	
F Tracy Reupena Tafili	It awesome that Hannah Watts is getting an upgrade. Are there any plans for better parks in the Kurunjang/Toolern Vale or Thoroughbred Estate area?	
Nat Wright	It won't let you tick more than 1 box for some of the questions that ask you to tick all that apply 😒😒	
Lesley Brincat	Michelle Burke Sandra Offer fill out the survey	
Rhiannon Jordan	A water play area like they have in a few of the parks in werribee. My kid loves em.	
Linda Tsikkinis	Because councils love wasting money.	

Posted by	Comment	Image
Malo Mamea	A water play area like they have in a few of the parks in Werribee and Woodlea Park	
Janine Mercieca	Water park and a jumping pillow.	
Shane Morton	An outdoor jumbo screen Can be used for advertising, and events, as well as entertainment	
Bess Beavis	Try Melton West Preschool hold a welcome bbq there at the start of each year to great success. One thing people always want more of is shade covering. We are also having to get there early for bbq space so maybe more areas for that. Water play is a big thing for our children so something like what you have at Bridge Rd would be wonderful. Hannah Watts is such a beautiful place. I took my own children there today and last week. They said they wish the new play space was in the bigger area.	
Dom Thompson	BIG like Woodleigh or maybe even a big wooden thing like Maddingly.	
Catherine Coquilla	Water play, bball court!	
Aleisha Lala	A maze.... Always fun to run around in	
Lyndy Jay	Definitely A Water Park ..	
Brooke Docherty	The first thing you need to do is clean up the toilets and stop the unwanted guest that use them.	
Mary Sant	Tennis court. We have one in our park and the families love it.	
Narelle Hunter	More tables around the perimeters of the park...	
Liz Gleeson	How about spending some money on a Park at Eynesbury! 😛😀	
Kylie Collison	A low ropes course, obstacle course but definitely a water park, well spread out to accomodate the growing population. One near the oval, one near the pavilions.	

Posted by	Comment	Image
Joanne Gianino	and this too.	
Metua Oti-Lablanche	Water park for kids 😂😀😄😁😄😁😄	
James Sinclair	Outdoor rock climbing wall, for all fitness levels.That would be awesome.	
Elise Soderblom	I can't believe the council is actually spending money on things like this...been in Melton almost 31 years and have seen very little spent on parks, infrastructure, things for the kids at all, except for the library. Here's hoping there's much more of this to come, so very overdue!!	
Angelika Leni	Anything but a water park. We only get a few days of summer. How about something more useful for families and even buses of tourists. Nice flowers/ roses, bbq, shelter, both children and toddler play areas. Family friendly and not high maintenance.	
Kellie Passande	A water park like the one in Werribee. The bigger the better!	
Erin Moir	More benches so parents can visibly watch kids. Shade sails. Zoned age appropriate play areas	
Michelle Buttigieg	Everything you can think of to put in a park. Lots of obstacles to keep the children going nonstop. Connecting with or close to each other. Make the perimeter of the park like a obstacle course.	
Chantel Grech	Nice lovely trees 🌳🌲 like Bright	

Posted by	Comment	Image
Susan Robertson	Undercover charging dock for mobile phones. I would think that would be a first.	
Samantha Franklin	Flying fox Water area some thing for the kids to climb	
Emma Schembri	Accessibility for kids of all abilities including wheelchair accessible!	
Heather Dellemijn	So this is coming about because of federal funding. It just annoys me that there are other parks in Melton that desperately need updating for local children. Hannah Watts park is more for out of towners who come to visit our city for the day. Last year the council decided that a park in Kurunjang was to be updated, locals had their input as to what they would like. There were letterbox drops, coffee and a chat to planners in the park, the locals were promised everything and got nothing because of lack of funds. Pity the money can't be spread around.	
Tess Baldacchino	Muscat That's all good and it's nice to see things are happening But what about some park area for kids in the Arnold's Creek estate. There is no parks	
Liz Gleeson	It's the same at Eynesbury! Look at the money they've spent at Atherstone!	
Jessica Smith	Wow how exciting	
Bek Demicoli	Water park	
Robert Aduer Ring	The more outdoor activities and amenities, the better for young people's recreational activities, community health and well-being! Well done Melton Council	
Cindy Dodemaide	Flying fox	
Marayne C J Muller	Flying fox and rock climbing	
Marayne C J Muller	Basketball and tennis court	
Belinda Gray	About time	

Posted by	Comment	Image
Lesa Fishlock	Keene More play equipment would be nice for the growing population of Melton	
Pamela Walsh	Flying fox and some type of water play area to cool off in summer..	

10. Acknowledgements

Thank you to:

- The students and teachers at St Dominic's Primary and Melton Specialist School
- Bridgette's Dog School
- Friends of Toolern Creek
- Melbourne Water
- Melton Bowling Club
- Melton City Council staff
- Melton Country Club
- Melton Fire Brigade (CFA)
- Melton South Cricket Club
- Melton South Junior Football and Netball Club
- Melton South Senior Football and Netball Club
- Nordic Walking Group
- Victorian Police (Melton)
- Vietnam Veterans
- Willows Historical Society
- The community who filled in an online survey or participated at one of the pop-up consultations.

11.Appendix

Full results for question 9:

What is your favourite element of space of the Hannah Watts Park precinct?

Please note: the following comments are unedited verbatim responses as submitted

Question 9: full comments
The best part about coming here is when we sit on the grass with hot chips and have the dog with us
I like the donut spinner near the swings
The natural open places
Picnic area
The playground
Natural areas
Donut spinner
Donut spinner
Swings
Sport area
the donut
Playground
Donut spinner
Donut
Sports club
Use footy oval and skate park the most
Green spaces with trails
BBQ area, playground
Its open and free to be
Footy ground
Open spaces
BBQ
Free space to gather with friends and family
Football oval and rec reserve pavilion
Park/playground
Paths, trees
Skate park and play facilities/BBQ
Walking tracks
Skate park, tennis courts, playground
Open spaces for kids to play
Skate park
the skatepark
Skate park
Skate park
My kids love the big swing, when its not damaged? I love all the facilities
Melton Recreation reserve
Melton Recreation reserve
Football and netball areas
Football netball areas
Football, netball, playground

Question 9: full comments
Melton Recreation reserve
Trees and shrubs
The Harmony and culfer
playground and bbq shelter for eating after playing
The park is open, lawns maintained with tree shade & the park play equipment
Play Equipment
Open space
Playgrounds
Creek frontage/walking path's
Grass area
Open spaces
Open area and wildlife
BBQ area
Love following pass and trials to each playe area
Natural environment
Ducks, rivers and shady trees
BBQ area & lawns
Open grass area
Open grass area BHBeky
Probably just running around the grass
Picnic areas
Playground (spinny Blue)
Trees
Swings doughnut spinner
Skate park
BBQ area
Not sure
Open areas
Picnic areas
Playground
Grassed area + lovely gumtree surround
The open greenery. It's hard to find such large space of grass with barbecue areas seating nearby
Barbecue, playground the space
Grass area
Barbecue
Natural area and play area
Natural Environment
Green play
Lots of greenery
Play space
The BBQ areas
BBQ area, Green area, playground
Bbq
Playground
Playground
Playground

Question 9: full comments
Nature area
Playground
Playground and nature please don't get rid of nature it was the animals ground first
Playground
Playground
Little bit green space, BBQ
Space
BBQs area, playground
Trails
Playground
Sports
Walkways, ducks, natural areas
Play area, BBQ area
BBQ
Playarea
Trees and wildlife
Walking paths
walking paths
open space
large open space/ High st park. skate park
Nature areas
peace & tranquility + family space
walking spaces & pinic
play area
Walking and playground, pinic area
trees
Footy oval
Combined paths and bridges
The open space
bowls club
Trees
The ducks although i hate ppl that always feed them!! Its not good for their health and their chicks. however bushy scenery around path is great for a walk
Skatepark
Having a BBQ kids playing on the equipment
It's character (eg.rock wall entrance and post-and-rail fencing, bluestone guttering, native backdrop) which makes a great entrance to Melton
Lawn areas
Raglan's Cottage
Creek and trees
The playground. The one near crikey growing has cool climbing and swings.
Feeding ducks
The park needs updating.
Green grass and mature Australian and European trees
Playspaces
the river red gums one of which is like a "walking tree". It is a community green area.
Park within the city. We should have more green space.

Question 9: full comments
The walking path is nice and wide
Green area and playground
The surrounding
The creek and trees.
The mature trees and the wildlife they attract.
Nice walking paths, beautiful scenery
Open space Around the shelter
Open space
Walking trails & gardens.
Trees
Walking trails
The maze
Playground from baby to late teens
None
Used to be the ponds
Seating and shade for the kids while eating their lunch
The duck pond but that unfortunately dried up years ago
The separated open areas,
Walking tracks
Playground
Play grounds
The grass
The wooden maze
All the scenery
The amount of space
My kids love the playground
Playgrounds
The quiet back area near the footy club rooms
Combination of playground for kids, who can have a bbq, play a bit of ball, then feed the ducks the left over bread
Creek
The native ducks in the lake/dam (when there is water in it)
The kids playground and open space
Open space
The children's playground
Play space
Clean waterways and toilets close by
Open area
Playground
The openess and nature
The main park walking trails and the duck pond area.
Big swing and skate park, and walking trails
Picnic and shelter near play areas
Open space
The creek area of the high street park.
open space for kids to play.
Walking tracks with bridges and play grounds

Question 9: full comments
Good variety of play equipment
Playground
Open spaces
playground
The creek and walking tracks
Sheltered areas
Play equipment for the kids
Playground equipment
Big space of natural environment to take kids
The natural environment and the playgrounds
walking trails trees bbq areas
Nice & green, lots of trees & grass
playground
Playground near a large open space to kick the footy and run.
The different playgrounds
Paths
The range of eqipment
Playpark
The slide for my son.. really not much else that sparks his interest. He doesn't like playing there much
The big trees
The play area for the children & the wild life
Nothing at moment. Carols by candle light
Big slide
Ponds
Visiting the playground and walking around
The setting (open space with play equipment)
The large grassland
BBQ area great for family gatherings
Playground
Natural environment
Bbq's
The BBQ area
Trees
The nature
The abundance of birdlife
Open spaces, nature with the combination of play spaces
The big long paths to go on walks/rides with my kids
Open area & places to gather
Playground
The space to play family games like cricket and soccer
Playgrounds
The pond - love seeing the ducks arrive every year
Wide footpaths
The weaving walking paths throughout the precinct
The areas along the creek
path ways

Question 9: full comments
Hannah Watts Park itself.
The large space
pathways and trails

Full results for question 10:

What changes, if any would you like to see to the Hannah Watts Park precinct?

Please note: the following comments are unedited verbatim responses as submitted

Question 10: full comments
To have a bigger playground and maybe a big swing and maybe have food vans
the wheelchair swing needs fixing because its stuck and we need a new playground more suited for older kids (larger slide) and I'd like a sandpit.
More water taps and mabey some dog drink taps and poop bag dispenser
More picnic areas
Play area for dogs and pets more play stuff floor acwitment
More equipment, zip line, playground for tiggy
More play grounds, tiggy playground
Big grass hills/on two grasshills be a zip line, tag playground, big grass hills some have tunnels
A long flying fox, swings, tall slide
A bigger playground (that big kids fit on!)
Less pace and more acment
Flying fox, big swing that can fit more than one person
Further inform on other page
Female change areas for netballers and womens football
Undercover areas
More walking trails and greenery
Better toilets, kids play fortress like Bacchus Marsh
Bigger play area, move game types
More things to play on
Lighting on playground
More BBQ's!
Updated playground with water play and updated BBQ area
To link up with the Botanic gardens
Realign oval, new clubrooms for sporting bodies, more seating around ground
More upgraded playground, more BBQ areas
Hard to say except trying to have the place clean and free from vandalism
Updated modern park
Bigger and better skate/scooter park, better toilet facilities, slides, flying foxes, better tennis courts, basketball courts
New clubrooms for MSJFNC
Flying foxes, big wooden park, footy goals, seats on netball
Better grids/park, Flying Fox

Question 10: full comments
At the skatepark they should swap the half pipe with double sided quarter pipes and a mini spine.
Natural water park for kids (and adults) to enjoy on the warmer days.
New social/changerooms between coaches boxes that also cater for womens changerooms. Also new netball courts behind new changerooms. or realign oval north-south with new changerooms between oval and netball courts.
New changerooms (including female), realign oval north -south
New change rooms, new club rooms
New amenities to facilitate womans football team. Extended netball courts - currently not sufficient. Realign football oval to ALF standard, currently smallest in the league. New clubrooms.
New change rooms to support womans football and netball. Realign football ground
New clubrooms to accommodate women sport etc., Re-align sporting oval, Permanent fencing around precinct
Better toilet
More equipment and programs
none at all. Everything we need is already there, that's why so many people use the area. You don't have to make it all modern.
Better toilet facilities high st side, more things in toddler area play space.
More seating spread out, larger gazebo bbq areas. Further play equipment
More things for the kids to play
More shade and more play equipment
More walking areas
More car park's and upgrades to play area for kids
Upgrade toilets
More play equipment for kids
More parking area (High street)
More bin Cleaner toilets
Improved playground Upgrade to exist in parks, trees and pathways More nature play
More parking
I would like a Bocce facility as we play here every week
The construction of a facility for lawn bocce
The contraction of a facility lawn bocc
It would be cool for a basketball court because it's fun and I don't have much courts in Melton
More playground
Flying fox
Toilets
It get bigger
Better play ground at High st
New toilets New play stuff
More playspace - better toilets
Dog walkers to pick up their poo. I like it the way it is I think this park is amazing
Put kids playground closer to tables
Basketball court

Question 10: full comments
Not a lot the park is really great as it is
More supporting infrastructure
More playground for the kids
More seating in shade, better playground equipment
More trees
Cover for playground
More shaded area, but a toilet facilities, more playing area
More seating and tables in shade close to playground
More BBQ area
More barbecue area and covered shade to use during winter season
Bigger playground
More BBQ
Flying fox and new play equipment, more events for community
Volleyball net
Volleyball net
I would put a volleyball net cause why not?
Nothing!
Volleyball net
Flying fox, maze, jumping pillow, rock climbing
Jumping pillow, rock climbing, Zip line, fly fox, maze, trampoline
Better playground. One that is more suitable for disabled kids
Obstacle Cafe
Better playground More parking
More shade, Spread out BBQs + shelters Bigger more adventurous playground
Obstacle course, cafe, BBQ area spread out, food vans
Nicer park/play areas - more exciting more shade & BBQ areas
Volleyball net
More car space
New and clean space for BBQ area, also would love to have a sales for shade over Park for children
Need clean toilets and changing facilities for babies. A fence for the River keep children away but still able to feed the ducks. More barbecue area and colours and play equipment for the kids of all ages
More baby keys are in the grass around paths, clean creek, bridge over creek (can't cross when it rains) boating lake
More colours
Covered play area to accommodate children and played to Melbourne weather
Footpath along northern area of Highway & footpath along western area of Police paddock more vegetation. Cleaning up the waterways Random seating for walkers
The ford creek crossing needs improvement it is often not safe. Exercise equipment near playground
Linking paths
better play grounds

Question 10: full comments
water playground/ nicer toilets very dirty and scary
more of the same carparking along high st (spillover for large events)
More of the same & expansion of playground
bigger
pond to connect to creek & get it to flow. pond cleaned up & rocks & direct water
Bike path all the way around park. More play equipment
Something for age group 10 and over, running track, obstical course
Café, shade, food truck festivals, a park with separate locations for kids who have autism. craft days in the park. An education part on environment and conserving nature
Footy oval
More seating. Upgraded playground.
Water play More playground for older kids
another oval and more space for lawn bowls
Cafe
Would love more playground that also includes older kids and disabled(ramps etc) the large slides like at woodlea and water play features r awesome for low income families in summer
New and improved maze for the kids.
I would like to see and extension on to the existing skatepark so there some more things to ride
Solar Lighting along walking trail, More Trees for shade,keep pond filled with water, exercise equipment along walking trail, extend children's play area equipment and cover with shade cloth more seating around the play area for parents, Large tree near High Street decorated at Xmas High Street has no decorations at night
Upgrade of toilet block and the rotundas which look very 1980s, better connections to surrounding precinct, improve pedestrian wayfinding.
Walking path that loops around the entire park precinct
A dedicated building for all Melton artists and crafters. Vibrant markets and food events promoting local produce.
More trees and plants
Shaded area above playgrounds. Sun gets hot for kids. A bottle refill station. Water area for kids. Some bridges from one tower to another. An area for younger kids like 6mths to 2yrs. They are always putting things in there mouths and wood chips don't help. Maybe some soft spongy ground well shaded. And have a sensory area.
Fencing around playground, more natural inspired playspaces, clean updated toilets,
More play equipment.
New play equipment. The toilets are dodgy as. Fitness equipment required. Full the lake that was melton original water supply. Greg undy.
More play equipment suitable for younger children.
I have already suggested changes over the years and earlier in this survey. It would be a good idea to avoid accidents between pedestrians and cyclists by slowing down faster traffic especially under bridges or over bridges. The bridge walk way under High street near the old road bridge is an accident waiting to happen. Motor cyclists also illegally ride through so do motor vehicles and damage Park surrounds and ignorant users leave their rubbish too.

Question 10: full comments
Consider installing LED light poles to encourage Active Transport and greater utilization after dark.
More activities eg water play, sand, bigger slides. A park with a “theme”
Updated seating, shelter and equipment. Drinking fountains. More trees and vegetation to shield from High Street. Fill up the pond near the toilets with water again.
It would be great to see a fenced offlead dog park modelled on the Sunbury one, within the precinct (probably in the rec reserve). It is frustrating to walk your own dog on lead on weekends when other people have theirs offlead. Also, the offlead enclosure at Navan Park is often either a dust bowl or a mud bath (depending on season) and is too far to walk to from the central Melton district.
Better playground, there's so much more equipment and newer items that could be added. Areas aimed at certain age levels
More lights, new play equipment (water spray like in Frontier Park) flaying fox, castle
Maybe add a nice water park for family’s to use not only the facility’s provides but a new addition of the water park
An off leash dog park. One for big dogs and one for little ones would be even better.
Better playground wheelchair accessible
Its fine the way it is
More undercover picnic areas
More children friendly play spaces. Including spaces for early teens such as ropes and climbing challenges. Keep the skate park, more Seating and bbq areas. More shaded areas. Better and safer toilets, more drinking taps, free water splash playground, more variety of playgrounds. Make it a good meeting place. See the waterpark in Werribee.
History behind the name of Hannah Watts park Signs and directions Toilet and drinking water facilities Trees covered walk and cycling tracks Water park with sprinklers for children to run across with an antislip floor. Adventurous playground - rock climbing, flying fox, massive skate park with seating The playground should be colorful not dull. Aboriginal art sculptures or heritage features. Babies and toddler area
Water in the ponds with bridge.
More seating and shaded areas. A water feature park like Werribee or Woodley would be fantastic. I would rather stay local for a water park than have to drive further out.
Make a big dog park with bbq in it and play equipment for children so you can take your family inside make it really big so you can walk around it
Water back in the duck pond. More play equipment for older kids
Spread out the BBQ facilities, have several pavilions spread around the whole area, not right beside each other. Too often you go to the park and a large group is using 2-3 BBQs and all the pavilion space, if these were more spread out (each corner for example) more groups/families would be able to enjoy the facilities.
Large adventure playground and waterpark
More shelter
Updated more interactive play grounds
Water slide with a sesaw
Add waterplay, shelter & more bbqs
Nicer ponds for ducks and bigger and better playground for the children
More of a range for young children

Question 10: full comments
More shade and more playground areas.
A bigger playground, maybe a couple more fences, more undercover areas
Definitely need extension of the playground and family spaces - to encourage families to play together, get outdoors, explore. A scooter / bike trail would be great, like a “bike centre” with mini streets and road features for the kids.
Needs a water play area for summer and something like a low ropes course or obstacle course for pre-teens & teens. Play spaces need to me spaced out more to allow for greater number of groups. Shaded play areas or shaded seats for parents with prams/supervising of lil ones.
Fence completely around the hill so kids can’t fall into the water, small gaps where ducks can get through and kids can not
Shade sails above play ground better walking trails ect
Better play equipment for all ages and capabilities, where the parents can join in with their children too. More shaded areas for eveyone to use, not just the bbq area that so many other families need to squeeze into for shade.
Upgrading of the available amenities like the BBQ sheltered area and there needs to be more of it
* Upgrading the existing maze * Upgrading the toilets to cleansiness * Upgrading n Extending the sheltered BBQ Area and have more BBQs * Crate a waterway park for kids to play in when its summer time.
Better supporting infrastructure
A playground that is suitable for under 5 years old. Shade over playground. Different types of play equipment such as trampolines, seesaw and ride on spring animals.
More car parks & shade
More gazebos or covered areas, water park for kids
Both young and older kids areas
Removal of the scum that defile the area behind the toilets. You know what I’m talking about. This park is supposed to be for family.
Long flying fox or three, shade sails over the playground equipment, modern playground equipment and beautification if the gardens.
Different age appropriate to play grounds, undercover bbq areas, bigger car park, well lit walking track, toilets
Built in tramp
More picnic ,bbq under shelter
More exercise equipment and playground
My kids are older now so we don't go as a family to play on the playgrounds, so more features to attract families with older children or just adults. Tranquil areas for relaxing or lunch breaks in a calming environment.
More play equipment
Walking tracks updated, more play equipment. Natural play equipment.
Add a big water park and some more challenging equipment for older kids. Sensory play equipment would also be great
It would be nice to have water features and water sprinklers for the kids to play in.
Park area for older children/teenagers. Flying fox, basketball courts, massive slide, water park, swings and large round swings, ground level trampolines.
bigger playgrounds/safer, more kid friendly things to do. more wildlife and nature.
More shelter and better play equipment

Question 10: full comments
Better facilities - new toilets, more and better sheltered areas and BBQs, better sport fields. A water park or play area. More car parking
More playground equipment like flying fox or the slide like the one at Navan Park. More seating
New and modern play equipment based around a theme. Some basketball courts. More car parking.
More picnic tables near playground More shade and undercover areas A water play park A flying fox Trampolines Upgraded clean toilets Fenced in park
Much better adventure playgrounds that older kids and teens can enjoy to. Ones with plenty to climb, hide and run around on. Also improve the natural features by planting and landscaping.
recycled water park for kids in heat
Updated playground Better seating Shade Better toilets
bigger playground, map, more signage
Water play space for summer. Mare variety in a natural setting playground.
Upgrade all of the bike paths in Melton, especially the pitchumen paths not visible by road, are all cracked and broken.
Upgrade to the playgrounds as some parts are quite dated and my daughter prefers to go to play spaces with water play at the newer playgrounds
Soccer goals
Id like to see some sail shades for the kids. And perhapes some extra stuff like flying foxes, climbing structures, and tramplolines.
A better play area with water park and larger slides
More shelters with BBQs in them.. maybe around the boundaries
Make it a water park! They are the latest craze and more importantly gets kids/teens of all ages outside
A sensory type playspace for special needs children, something like eastern gardens playspace in geelong, areas for creative play, like a cottage. Water play for summer time! And sufficient parking for the area and size of park
Needs to be more seating and shade near the play area and more trees for shade. Also there should be more Australian native bushes for the wild life, eg. the birds and lizards.
New playgrounds. Rockbank has two fabulous parks complete with water areas, toilets, bbq and fantastic playgrounds. We prefer to drive out there then go to Hannah Watts
Water park, I drive to Rockbank Parks allot over summer, for such a small place their Parks are amazing... Melton really need to upgrade their Parks...
The ponds and waterways always to have water in them.
Shade over play equipment. Water play.
More bbq pavilions around not just at park on high street perhaps add some too other parks around... Hanna watts needs too be redone badly the park is old n dated... maybe use woodlea park as a reference... water park etc
Make the picnic/BBQ area a little bit bigger
A bigger playground like the ones at Woodlea also more undercover areas

Question 10: full comments
Waterplay for the kids in summer. Need better fencing where the lake is as its a big fall into the water in certain areas
With all the amzing play spaces in the new estates it would be great to see an updated play space and even a water play space.
More bbq' s
I would love to see a basketball court, or maybe even a half court with one ring
Make it a water park with splash areas, more under cover
Basketball courts Artificial turf for sports use
A water park and extra shade for picnics
More beautification of the area. Parts feel a bit barren.
Shade covers over play areas, upgraded play equipment, upgraded trails
More interesting/interactive play spaces
Would love to have a water park area also basketball court and more shelter
More seating and a water park
Updated toilets & sporting facilities. Age appropriate play equipment
Updates play area
Continue to enhance the natural environment and the addition of more water features
Some of the walking paths need to be raised and a drain build underneath. If it has been very wet, you can find water flowing across the low areas of the walking path. It can be very difficult for older people to continue along the path as they cannot easily get across the water. One time a friend had to turn around and walk back the way she had already come. It is also a problem if you are not wearing enclosed shoes.
total clean up of the water system running around the park ,so it becomes more inviting for people to site and enjoy the wild life
There needs to be connecting footpaths along the northern side of Hannah Watts Park and also on the western side (CFA HQ) of Police Paddock. We walk there all year round and it is quite often quite wet and boggy either due to the sprinkler watering or rain.
All about SAFETY, I would like to see cameras installed around the park, I also think the park should be patrolled on a daily basis. An element does business in the park daily, an element that you don't want kids around. The fort maze on the Sports Oval side of the park needs to be replaced with something more open, it is a haven for dodgy deals and drunks, not safe for kids. Also the smashing of bottles in the park along the pathways is a danger to everybody. I would like to see a separate track for cyclists only, some cyclists do not slow down, they do not warn people they are coming up behind them and some will ride straight through adults, kids and dogs and refuse to ride around people walking. I have come close to being bowled over twice in the last 4 months. I would like to see Toolern creek cleaned up of human rubbish, rubble from fallen tree branches and dredged, the creek gets a real stench to it when the water is low. I would like to see a bridge built where the creek floods in the wet season. The toilets and BBQ areas need a good clean and some paintwork. I would like to see Gum Trees along the pathways inspected on a regular basis, in the last 4 months 5 large branches have fallen down. Would like to see the dried up pond near High street fixed and supplied with water, it has been dry for years. I visit the park every day and walk all around it, on any given day I can be there from 2 to 4 hours of a morning and will sometimes walk again later in the afternoon. It is the most important community gathering place in my life and many others feel the same, especially the older folk with health issues that have small dogs to walk Hannah Watts Park is their life blood and for some the only place they get to socialise with other people.

Full results for question 13:

What are THREE things you would like to see as part of the new playspace?

Please note: the following comments are unedited verbatim responses as submitted

Question 13: full comments		
1	**2**	**3**
More swings - tire swing	Basketball court	Brighter colours in playground
A larger slide	Zipline	Tiggy playground
A big swing that fitsm ore than one person	Some covered areas	More donut spinners
dog drink taps and poop bag dispenser	Heritage and natural elements	clean toilets
More picnic spaces	tunnels to go threw	A giant slide
Trampliine on the floor please	Rock climbing please	Really big slides
Ziplines	Playground for tiggy	Sport field
Zip line	Tiggy playground	Sports field
Zipline	Tag playground for tiggy	Sports field
Long flying fox	Big slide	More swings
Water space	sandpit	Bigger kid play ground
Swings	Monkey bars	Seesaw
Giant slide	Rock climbing wall	Chill zone with pillows and bean bags
Bigger swings that casn fit more people		
Seesaw	Monkey bars	long long long long long long long slides
Parkour	Waterfalls	Park gym
BBQ's		
Kids fortress	Bigger slides	More swings
More game tupes	More spinning objects	
More swings	More disability swings	More disability things in general
Trampolines	Rock wall	Bid slides
Bouncy house	Dog park	Alot of BBQ's
Water play	Basketball court	Things to climb
Upgrade the toilets and BBQ/rotundas	Upgrade the old playground	Link up with the Botanic gardens
BMX track	Concrete paths for bikes and skateboards	
A bowl built at the skatepark		
Trampolines	Water play park	Flying Fox
Bigger slides	Flying fox	Water park
Dirt jump	Football goals	Basketball courts
Treehouse	Multi basket ball hoops	Shelter
Basketball courts	Dirt jumps	Football goals

Question 13: full comments		
Basketball courts	Dirt jumps	
Natural updated playspaces, especially for autistic people. May daughter is ASD, 13 yrs and still enjoys playgrounds ie Bacchus Marsh/Maddingly Park precinct	Updated maze	Water feature for warmer months
Donut spinner	Large slide	swings
Donut spinner	swings	slides
More space for ball games	More toilets for bigger gatherings	More slides and swings to a corner and not in middle
Water play		
Much bigger area like Woodlea or Atherstone		
?	?	?
Higher climbing bridges	More separate or joined equipment	
Slides	Shade	Cubby
Water features	Biggest slides	Challenging experiences
Flying fox	Spinner	More swings
Calm spaces	Adventure	Nature play elements
Adventure	Slide	Swings
Maybe more covered Areas		
Calling things	BBQs	Bull spaces
Ice cream and coffee area	Shades	
More bigger and twistier slides	Bigger Climbing equipment	
Nature play	Things to plane (cubbies etc)	
Bocce area	Bigger BBOL	
Bocce area	Bigger BBQ & covered space	Keep it clean from dog dropping
Bocce area	Biggs babeky	Keep clean dog droplet
Grass		
Big slide/small slide	Rockclimbing	Trampolines
Big slide	Bike track	
Better family toilet facilities		
Big slide	Rock climbing	Trampoline
Toilets	Playground closer to picnic tables	Park benches on grass area
Swings	Tunnels	Slides
Perhaps more parking if possible		

Question 13: full comments		
More trails for walks/bike rides	More climbing structures	More balancing equipment
Flying fox		
Flying fox - young and old	Trampoline inground	Basketball court
A flying fox	Ground level trampoline	No doggy poo! Doggy poo bags (Sorry already have!)
Things for older children		
More rest area		
Rest/play area	More covered area to rest during rain	
Spinning swings	Slides	Swings
More bbq areas	More seating	More trees
Green grass	Save Environment	
Flying fox	New swings	Big round spoinner
Zip line	Volleyball net	Maze
Zip line	Volleyball net	Maze
Zip line	Trampoline	Maze
Rock climbing	Flying fox	Jumping pillow
Zip line	Trampoline	Rock climbing
Flying fox	Bars	Maze
Jumping pillow	Rock climbing	Maze
Bridges and pass a wheelchair assessable. Easily managed		
Cafe	Food truck	
New play equipment	Running track mini	Better toilets
Make it like Woodlea	Have a coffee or fish chip shop	Make it like kids town Shepparton
Obstacle course	Climbing frame	
Large playground for all ages	Seating for parents	Shade
Zip line	Trampoline	Maze
Play activities for over 12-15 yo kids		
More shade the kids to play under	Upgrade BBQ area and tables	Toilet upgrade
Play equipment for all ages	Space from netball, football, soccer.	Water play area for the kids
Miniature railway		
Flying fox	Jumping pillow	
Under cover play	Slide and swing	Tunnel slide
Imaginative play area	Climbing equipment	
flying fox		
under 2 area	inclusive for all abilites	
bigger climbing equipment	water play	swings
different texture	climbing wall	more things to climb on

Question 13: full comments		
something different		
something different	something challenging	
flying fox	bigger slide	adventure
more slides	bike path	
Running track	Adventure	Nature play
shade provided	nature play elements	adventure
.	.	.
Cricket pitch	Footy goals	Better playground for older kids
Waterplay	Bigger slides	Built in volleyball nets, netball rings, basketball etc
new oval		
Large slides all of meltons other major parks	Waterplay features like at woodlea	Scout inspired obsticle courses
New maze	Trampolines (like at Fronteir/woodlea)	Flying fox (like at Woodlea)
Climbing things	Logs rocks sand	Spaces for ball games
Slides built into hills	Equipment/area for younger children (1-2y) ie. smaller, lower to the ground, no gaps	Natural products used
Art play space for adults	Art Sculpture Installation	Building for community art and play
Areas for younger children and older children	Areas for parents to sit and supervise children	
Well shaded area so even when it rains we can still come to the park. And make sure the play ground is fully covered and not have holes in fabric please.	Some climbing items like rock climbing or flying Fox.	Some people mention water park features. But if unable to a play area from under 3yrs. No wood chips, soft ground, so they can crawl around.
Slides	Natural inspired play spaces	Interactive sensory items/equipment
New bigger better slides. Kids love slides!	Climbing space as kids love to climb	A walking track for mums wanting to exercise
Football goal posts	Soccer net.	Some real huge play equipment.
Seesaw	Baby or toddler swings	Toddler equipment
area for chess	playspace for adults + children	
Climbing wall	Climb frames	Balancing equipment
Water play	More slides	More seating
No particular opinion as do not have children		
A fort/cubby	Double slides or wide slides	Sensory play equipment
Slides on mountains so kids can climb up and then go down slide	Climbing equipment - like madden my park Bacchus Marsh	Swings that not only for older children but seats for kids who need support. Ie curved seats with chains

Question 13: full comments		
Better play equipment	Disability access to play equipment	
Better slides	Better swings	Bigger playgrounds
Water play	Sandpit	Fitness equipment for all ages
A variety of play equipment that ranges from babies to teens	Big slides	Transport designed equipment for climbing on.
Rock climbing	Flying fox	Shaded Water sprinkler play area
Climbing	Room to run	Merry go round things
Large cubby house/castle	A shop	More swings
Water play	Dog play	More seats
A play ground that parents can also enjoy with their children	Shade over the play ground	Wet weather play space
Originality	Several items of each element	Safety
Waterpark	Sensory garden	All ability accessibilty
Water park	Lots of shelter	Giant water slide
More interactive play with the environment	Better climbing and slides	Trampolines
A sesaw	Water park	Zip line
Waterplay	Maze	Slides
Big flying fox	Water play area	A giant swing
Bigger young kids playground	Updated toilets and drinking taps	Updated shelters/bbq area
Shade sails	More swings	Cubby house
Slides	Tunnels	Swings
Scooter / bike track for kids (seperate to skate park)	More challenging equipment for older kids (over 5)	More natural materials incorporated like huge rocks, logs, to climb on, etc
Water play	Low ropes course	Bmx track or remote control track
Another maze on high street area	More chairs for parents	More swings
Fun for all ages	Shade	Soft fall under equipment rather than bark
More shade	water play area for the warmer days, to cool down while playing	Bigger range of play equipment
Walkable waterpark for the hot summers	A flying fox	Local school kids art mural
Walkable water way park for hot summers	Flying fox	Children's Art Work Display in a form of a Mural done by the local school kids.
Monkeys bars , long long long one	Logs	
Trampoline	Under 5 area	Things to move and build
More shade	Slides	Sandpit
Waterpark	Flying fox	Mini trampolines
Water play	Slides	Obstacles

Question 13: full comments		
Flying foxes	Treehouse/cubby	Swings.
Flying fox	Water play	Jumping pillow
Jumping pillow/ trampolines	Water sports area	
Built in tramp	Things to climb	Wooden things
Water games	Shelter on play area	More swings
Better floor in playground	Toddlers playground	Exercise equipment
Water elements	Cause and effect activities	Play equipment for children older than 10.
bigger slides	more obstacle course things to climb	river depeloped a bit
Water play	Flying fox	Sensory equipment
Natural play elements	Swings	Things to climb on
Water park	Things that spin	Cubby house
Basketball courts	Trampolines	Massive swings
Waterpark	Things to play in or climb through	More modern playing
Bigger slides	Flying fox	Mini tramps
Rope climbing tree	Trampoline	Large slides more
maze		
Water park	Flying fox	Fenced playground
Wooden adventure playground similar to the one at Bacchus Marsh park	Challenging things for older kids and teens	Climbing nets
new slides	swings	adventure
Better play equipment	Better toilets	Better drink fountains
waterplay	trampoline	ping pong table
Water play	Shade	More natural
Better bike/walking paths		
Water play feature turned on in summer months	Upgraded slides	Cubby/shop fronts/ creative and imaginative spaces
Sail shades	Flying foxes, monkey bars	Tramplolines
Waterpark	Adventure park	Larger slides
Water feature, like shooting out of the ground	More swings	More huts with BBQs in them around the boundary
Waterpark	Shadey areas	Lounging/relaxing areas
Quite area	Sensory aspects	Water feature
Large rocks to climb over	Rope spider web to climb	Dry river bed to explore along
Water areas	High fun climbing areas	Adventure area chalenging things
Waterplay	Splash park	
Water Play area	More BBQ areas	Skate park
Better Slides	Safe areas	Large Chess or draught board
Water play area	Adventure/climbing area	Trampolines

Question 13: full comments		
Shade over equipment	Monkey bars	Variety of climbing options
Water park	More natural larger park	Open play spaces
Water park	New playground BIG	More BBQ pavilions
Waterplay	Trampoline	
Water park (splash park)	Adventure playground	Big slides
Small children skate park	Water play area	Climbing area
N/A	N/A	N/A
Shaded areas	Water play- splash areas	Sand play
Flying fox	bicycle track with road signs	Hills for kids to run up and roll down
Waterpark	Shade	Equipment for all ages
Water play	Covered playground	More aged appropriate play areas
Water park	More adventure stuff	Space for ball games
Water play	Slides	Tunnels
Climbing	Swings	Slides
disabled play equipment	play space for young mothers and there children	off the leach dog area
Activities for toddlers like trampolines	Shared play expieriences like a double slide	Climbing wall that is not netting
don't use		

Full results for question 14

What changes, if any would you like to see to the picnic area and gathering space?

Please note: the following comments are unedited verbatim responses as submitted

Question 14: full comments
More grills, food vans
A new barbeque, some extra BBQ's
I think we should have more seats, mats that people could borrow and sit on and more drink taps (maybe some food stands)
Mabey one of those giant heater, cleaner toilets
I would like more barbeques
A sand and water place
Good shelter
Better shelter
Better shelter, more shelter
Add more sheltered areas with more Barbeques
Bigger more seats
More picnic spaces and grills and more drink taps
New shelters and BBQs
More seating areas
Nice filtered, water brand new verandah and clean grillers.

Question 14: full comments
Shaded sitting areas, metal tables so they are clean, large bins.
Seating
Bigger BBQ area
Picnic would be nice
More of and better lighting
Updated BBQ area
Repainted
More benches
Pool
Updated and cleaner toilets please, better lighting
Free BBQ
More space in the middle, different layout
More lighting to keep undesirables away
More BBQ areas with retunders
no changes needed. There are plenty of play spaces to keep the children happy, and they are close enough to where the mums are. There are enough BBQs. Maybe a few more tables and seats under shelter, and with a thought to protection from the bitter West winds and hot Summer sun from the North.
Larger area/covered & not covered more picnic/bbq facilities
More BBQs
Upgrade. More sheltered areas
More BBQ's
Disabilities special swing/chair
More seating tables
As above, as long as green spaces not impinged on
More BBQ and eatery areas
Larger space for more families
More undercover tables (maybe under shade cloth?)
Same as above
Same
More shade
New tables, stoves etc
More seating places
As above
Very little
More seating in different areas + more shaded areas
Wash up area
More tables and chairs
More Verandah+ table
Covered playground, basketball court
More bigger hits to accommodate big group More lawn area with and without shade
More tables/chairs
Covered area
Make the gathering space more cleaner
Keep rotund and places too sit under
Kitchen area, fridge

Question 14: full comments
Kitchen area
Put jumping castle
More BBQ area
Nothing in ok
Sheltered areas more table and chairs scattered. Bridge over the creek. Toilet remodel. Complete clean out. My daughter was disabled at the age of 5and stopped coming to the parks etc in Melton as there was very little she could play with and it just made her sad to watch the other kids playing
More BBQ areas, spread out shelter area
More shelter- kid town Shepparton
Better- safer toilets
BBQ space more spread out
More tables & BBQs
Water pond area
As above
more BBQs, tables and chairs. Need a nice bright colour because it looks boring
More BBQ More seating
Under cover play
Picnic area needs upgrade. more than I area
More BBQs
more cover
More shelter
More shade around picnic shade
More shade provided
More cover
More seats shaded areas bbqs etc
vbzcvb
Sheltered space but brighter and more of it. More or bigger DONT FEED DUCKS signs & why(so they are more aware) a walking path along the road side of park especially for winter so dont have to go the long way around or get soggy feet and prams stuck
More sheltered areas
Stage, change room, for entertainment with lights and cover, more trees with shade, tables and chairs spread out around the rotundas
Upgrade the rotundas in a way which works with the character of the park
More plants
Less of the open space and more vibrant, creative, beautiful nooks.
More open area. Seems a little carp with low roof. And most of the time it's got large family using whole area. If outsider comes they are felt under welcome. So more seating area and in shade please.
More tables, seating, shaded area to sit especially closer to playspaces. Interesting inviting areas of children of all ages to explore and be active in.
Up date the area
Water play features, in ground trampoline, more bbq's,
More undercover areas with more bbqs.
no changes required.
More seating (espically near playground) and more shade.
More seating, more bbqs, more SHADE

Question 14: full comments
A greater feeling of safety; the toilet block is known as a male hangout and there are often vehicles in the carpark with make owners there early in the morning.
More tables and seating, not just at tables but around playground and next to walking trails. More BBQs and covered spaces.
Maybe some more outdoor concrete table and chairs
Better facilities cleaner
More BBQ's and under cover areas
More covered areas
More BBQ areas and more shaded table and chairs spread throughout the area, not just in one section. Adults like Space from other groups. Don't want to hear other people happy birthday when we are having some quiet family time Or not everyone celebrates the same thing.
The zones should be marked on the map with different colours for easy identification. Water facilities at every bbq junction
Maybe some shelter from wind.
More table/chairs set up around the park near the playground and some shade sails
More car park if you are going to add to it
More seating.
As above, more spread out, not confined to one area of the park
Shade Cafe
More bbqs Cleaning toilet's to
More under cover
More bbqs, undercover area, comfy grass, more bins and entertainment
More shelter & tables
Nicer and cleaner
Update the shelter and new bbqs
More picnic tables & benches.
More seating
A few more added to encourage / allow extra families to gather and use. Better bins / rubbish facilities to minimise mess.
More BBQs, shade sales and more clusters of tables and seating away from the main huts. Give more options for places to sit/picnic/celebrate. Lots of people use it for birthday party locations and there's not enough tables now the population has ballooned
More tables for th bbqs
More seating and bbq areas
More seating areas and shade sails. Another BBQ or 2, with them more rubbish bins.
More and upgrade of the BBQ sheltered area and the park toilets aswell and for it to be more cleaner.
Upgrade for new n more shelters with more BBQs
More bins, drink bottles refill stations (applies to all of Melton)
More seating, different areas for more then 1 family at a time
More shade & tables
More gazebos
More under cover ares

Question 14: full comments
More seating around the playground. Drinking fountains and lots more bins at ththe skate park to encourage youth to bin their rubbish, bins should be placed every 20 feet in this area, the amount of rubbish is appalling.
Modernised and different colour scheme and better barbecues.
More BBQ areas for large groups, picnic tables and chairs, more rubbish bins.
More facilities and shelter
More seating, bbqs and shaded areas
Fence the little kids playground (it's very close to cars) and expand it to suit younger kids (change the softfall to something they won't try to eat)
More undercover space and tables.
More BBQs and plenty of large picnic tables for family and friends.
New enclosed or better designed shelter, more BBQs,
More seating
More bbqs under 1 large canopy
More picnic tables More shade and under cover areas New clean updated toilets
More shelter, seating, BBQs, revamped toilets and a bit of landscaping
more bbqs more shade more tables chairs
More tables and chairs
More seating and extra bbqs
More gathering spaces at the other play areas
More picnic areas with bigger tables with toilets closer
Larger area. More bbqs
More shelters
More bbqs and seating areas
Plenty of picnic tables for families to enjoy a picnic together, drinking water
More Australian native bushes close by and gardens with Australian plants for the beautification of the area.
The min area is great but perhaps more shaded seating areas around playgrounds to sit and watch kids play with out taking up bbq area if not using bbqs.
More Seating & shaded areas
Upgrade of tables and seats more seating and power available in main rotunda.
More shaded areas and space for larger gatherings. More bbqs
Make sure there are plenty of seating options in shade with a view towards the play equipment
More larger undercovers areas more bbq's
More
More shade, tables and chairs
Updated style
N/A
More seats under cover
More spread out around the park.
Shade and more seating
Upgrading of facilities, drinking station, more space between areas
More tables/chairs
More bbq areas..more picnic tables
More seating spaces and bbqs

Question 14: full comments
Cleaner more spread out Duck pond area back up and running
More spread out seating & shelter to create a comfortable, multi-use area.
More BBQ's. In very busy times it can be difficult to get some cooking space. Perhaps there could be a timed session for people using the BBQ so that they don't hog it all day.
more seating and tables
The concrete needs cleaning it smells bad.

Full dotmocracy results

IMAGE	POP UP 1		POP UP 2		POP UP 3		SCHOOL WORKSHOP 1 Specialist School)	SCHOOL WORKSHOP 2 (St Dominics)	TOTAL UNDER 18	TOTAL OVER 18	GRAND TOTAL
	RED (Under 18)	YELLOW (over 18)	RED (Under 18)	YELLOW (over 18)	RED (Under 18)	YELLOW (over 18)	Orange	Blue	RED (Under 18)	YELLOW (over 18)	
	3	0	1	0	4	0	1	0	9	0	9
	1	1	0	0	0	0	1	0	2	1	3
	3	2	7	0	0	1	1	0	11	3	14
	5	1	6	1	6	4	5	7	29	6	35

IMAGE	POP UP 1		POP UP 2		POP UP 3		SCHOOL WORKSHOP 1 Specialist School)	SCHOOL WORKSHOP 2 (St Dominics)	TOTAL UNDER 18	TOTAL OVER 18	GRAND TOTAL
	RED (Under 18)	YELLOW (over 18)	RED (Under 18)	YELLOW (over 18)	RED (Under 18)	YELLOW (over 18)	Orange	Blue	RED (Under 18)	YELLOW (over 18)	
	1	3	4	2	2	3	1	0	8	8	16
	6	2	2	0	1	0	2	0	11	2	13
	0	0	2	0	1	0	0	0	3	0	3
	8	0	3	0	2	0	1	2	16	0	16
	3	1	0	0	0	0	0	0	3	1	4

IMAGE	POP UP 1		POP UP 2		POP UP 3		SCHOOL WORKSHOP 1 Specialist School)	SCHOOL WORKSHOP 2 (St Dominics)	TOTAL UNDER 18	TOTAL OVER 18	GRAND TOTAL
	RED (Under 18)	YELLOW (over 18)	RED (Under 18)	YELLOW (over 18)	RED (Under 18)	YELLOW (over 18)	Orange	Blue	RED (Under 18)	YELLOW (over 18)	
	4	0	2	1	0	0	2	0	8	1	9
	5	1	9	0	4	2	2	0	20 ❹	3	23 ❹
	5	0	0	0	2	1	2	0	9	1	10
	4	2	6	1	1	0	2	0	13	3	16

IMAGE	POP UP 1		POP UP 2		POP UP 3		SCHOOL WORKSHOP 1 Specialist School)	SCHOOL WORKSHOP 2 (St Dominics)	TOTAL UNDER 18	TOTAL OVER 18	GRAND TOTAL
	RED (Under 18)	YELLOW (over 18)	RED (Under 18)	YELLOW (over 18)	RED (Under 18)	YELLOW (over 18)	Orange	Blue	RED (Under 18)	YELLOW (over 18)	
	15	6	16	3	12	6	3	14	60 ❶	15 ❷	75 ❶
	0	0	6	0	6	3	5	2	19 ❺	3	22 ❺
	8	2	5	2	0	1	3	1	17 ❻	5	22 ❺
	20	5	7	2	3	3	2	13	45 ❷	10 ❸	55 ❷

IMAGE	POP UP 1		POP UP 2		POP UP 3		SCHOOL WORKSHOP 1 Specialist School)	SCHOOL WORKSHOP 2 (St Dominics)	TOTAL UNDER 18	TOTAL OVER 18	GRAND TOTAL
	RED (Under 18)	YELLOW (over 18)	RED (Under 18)	YELLOW (over 18)	RED (Under 18)	YELLOW (over 18)	Orange	Blue	RED (Under 18)	YELLOW (over 18)	
	13	10	7	7	7	3	2	4	33 ❸	20 ❶	53 ❸
	0	3	2	0	1	3	0	2	5	6 ❺	11
	4	1	4	2	3	1	2	3	16	4	20
	1	3	1	1	3	4	0	0	5	8 ❹	13
	9	1	6	0	0	0	1	0	16	1	17

IMAGE	POP UP 1		POP UP 2		POP UP 3		SCHOOL WORKSHOP 1 Specialist School)	SCHOOL WORKSHOP 2 (St Dominics)	TOTAL UNDER 18	TOTAL OVER 18	GRAND TOTAL
	RED (Under 18)	YELLOW (over 18)	RED (Under 18)	YELLOW (over 18)	RED (Under 18)	YELLOW (over 18)	Orange	Blue	RED (Under 18)	YELLOW (over 18)	
	4	3	5	3	0	0	0	0	9	6 ❺	15
	4	1	7	2	2	1	1	0	14	4	18
TOTAL VOTES	126	48	108	27	60	36	39	48	381	111	492
NUMBER OF PEOPLE PARTICIPATING	42	16	36	9	20	12	13	16	127	37	164
	58		45		32		13	16	127	37	164

Big Ideas drawing analysis - full list

ELEMENT	NUMBER OF TIMES DRAWN
Slide (big, tunnel or curly)	33
Swings (standard/large/basket)	25
Flying fox/zip line	19
Monkey bars	18
Trampoline	18
Cubby house	14
Slide (standard)	13
Rock climbing wall	12
Climbing frame/structure (spider web/tower)	9
Spinner/Round about	8
Bridge	7
Trees	7
Basketball court/netball court	6
Creek/pond/lake	5
Flowers	5
Football ground/goals	5
Skate bowl/ramp	4
Soccer /ground goals	4
Tree house	4
Tyre swing	4
Water slide	4
Rocket	4
Picnic shelter	3
BBQ/Picnic area	2
Jumping castle	2
Toilets	2
Water play	2
Parkour	2
Exercise equipment	2
Fence	2
Big grass hills	2
Adventure playground	1
BMX track	1
Dog park	1
Fireman pole	1
Obstacle course	1
Sea saw	1
Tunnels/Cave	1
Water fountain	1

ELEMENT	NUMBER OF TIMES DRAWN
Baseball diamond	1
Music elements	1
Swimming pool	1
Big logs to climb with slide	1
Art	1
Relaxing room	1
Rainbow	1
Bird feeders	1
Stepping stones/logs	1
Plane playground	1

Survey

Big Ideas drawing sheet



Draw your BIG Ideas for the Hannah Watts Park or playspace?

MAKE SURE YOU LABEL WHAT YOU DRAW

NAME:_____ **AGE:**_____

CITY OF MELTON

ChatterBox Projects

Hannah Watts Park Master Plan and Stage 1

SHARE YOUR IDEAS

Melton City Council is developing a master plan for the Hannah Watts Park precinct which includes Melton Recreation Reserve and The Willows Historical Park.

Hannah Watts Park is a treasured asset, that is well utilised because of its natural setting, rich historical content and the wide range of activities it provides. The master plan will create a future vision for the precinct, defining short and long-term improvements.



The play area and picnic facilities on High Street will form Stage 1 of the master plan, with construction to start September 2018.

To assist in the design and development of both the Master Plan and Stage 1, Council is seeking your feedback and ideas.

This survey should take approximately 5 minutes to complete. You can also complete this survey online at www.melton.vic.gov.au/Hannah-Watts-Upgrade

To get us started:

1. Have you ever been to the Hannah Watts Park precinct?

☐ Yes ☐ No If no, why not?_____ (got to Q.6)

2. What facilities and spaces do you use when you visit?

- ☐ Melton Recreation Reserve (football/cricket oval)
- ☐ Netball court
- ☐ Green open spaces
- ☐ Lawn bowls
- ☐ Melton Country Club
- ☐ Paths and trails
- ☐ Picnic shelter/BBQs
- ☐ Playground (Central-near creek)
- ☐ Playground (High St)
- ☐ Playground (near skate park)
- ☐ Skate park
- ☐ Tennis court
- ☐ Willows Historical Park
- ☐ Other:_____

3. How often do you visit? (Please tick • one only)

- ☐ Daily
- ☐ 2 - 3 times per week
- ☐ Once a week
- ☐ Other (please specify)
- ☐ Once a fortnight
- ☐ Monthly
- ☐ 2 - 3 times per year

4. What do you normally do when you visit?

- ☐ Use the playground
- ☐ Ride (bike/scooter/skateboard)
- ☐ Walk
- ☐ Walk the dog
- ☐ Run/exercise
- ☐ Watch or play football
- ☐ Watch or play cricket
- ☐ Watch or play netball
- ☐ Meet friends/family
- ☐ Hang out
- ☐ Attend special events (eg: Carols by Candlelight)
- ☐ Other_____

5. How do you normally get there? (Please tick • one only)

- ☐ Walk
- ☐ Drive
- ☐ Ride (bike, scooter, skateboard)
- ☐ Public transport

6. Do you live within walking distance to the Hannah Watts Park precinct?

☐ Yes ☐ No ☐ Not sure

7. Are you filling in this survey on behalf of a special interest group or organisation? If yes, which special interest group or organisation?

Hannah Watts Park precinct master plan

The following questions relate to the overall precinct.

8. What are the three most important features of the precinct to you?
(Please tick • **three** only)

- ☐ Natural areas (trees, shrubs etc)
- ☐ Open areas for games, events or large gatherings
- ☐ Places to gather with others *(for example: picnic areas, seats, tables, gathering spaces, shelter)*
- ☐ Environments that encourage wildlife
- ☐ Cultural or artistic engagement *(for example: artworks, sculptures, events)*
- ☐ Supporting infrastructure *(for example seating, toilets, drink taps)*
- ☐ Playspaces
- ☐ Natural water features *(for example, creeks, ponds)*
- ☐ Pathways and trails
- ☐ Heritage features
- ☐ Sports facilities
- ☐ Other: _____

9. What is your favourite element or space of the Hannah Watts Park precinct?

10. What changes, if any would you like to see to the Hannah Watts Park precinct?

Ideas for the Stage 1 playspace and picnic facilities

The stage 1 development will include updating the playspace as well as the picnic and gathering spaces at Hannah Watts Park on High Street.

11. Tell us what your or your children's two favourite pieces of play equipment are at this playground.(Please tick • **two** only)

- ☐ Donut spinner
- ☐ Liberty swing (accessible swing)
- ☐ Slides
- ☐ Tunnel
- ☐ Spinners
- ☐ Swings
- ☐ Other_____

12. What are the two most important playspace elements to you or your children?
(Please tick • **two** only)

- ☐ Things to climb on
- ☐ Things to hang off
- ☐ Things to hide in or go through
- ☐ Different surfaces and textures
- ☐ Nature play elements (i.e. logs, rocks, sand)
- ☐ Accessible play elements
- ☐ Adventure (i.e: challenging experiences)
- ☐ Calm spaces
- ☐ Things to slide on
- ☐ Things that spin
- ☐ Things to play in (i.e.cubby/tree house, shop front)
- ☐ Spaces for ball games

13. What are three things you would like to see as part of the new playspace?
(Please list **three** only)

1.
2.
3.

14. What changes, if any would you like to see to the picnic area and gathering space?

A little about you:

15. How old are you? _____

16. If you take children to the park, how old are they? (Please tick • all that apply)

- • under 2 years
- • 3 - 5 years
- • 6 - 8 years
- • 9 - 11 years
- • 12 - 14 years
- • 15 + years

17. I am: • Female • Male • Other_____ • Prefer not to say

18. What suburb do you live in? _____

19. If you would like to be kept up to date about this project, please tick ☐ how you would like to be updated (email, mobile, mail) and provide your details below:

Name: .....
☐ Email .....
☐ Mobile/ SMS.....
☐ Mail.....

Privacy statement:
We are committed to the responsible collection and handling of personal information, consistent with the principles in the Information Privacy Act and the Health Records Act.
We will only use the personal information you provide for the purposes for which it was collected and any other authorised use. The information we collect may also be used for other planning and research purposes to improve our services to the community. We will never reveal personal information we collect to third parties, unless disclosure is required or authorised by law.

1.5 APPENDIX 05 - COMMUNITY FEEDBACK REPORT



Hannah Watts Park Precinct
Draft Master Plan
Community Feedback Report

Final Report 31 October 2018

ChatterBox Projects

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1. Engagement Overview

ChatterBox Projects was engaged by Melton City Council via Urban Initiatives to undertake a pop-up feedback event and key stakeholder workshops to gather feedback on the Hannah Watts Park Precinct draft master plan. The draft master plan is inclusive of Hannah Watts Park, Melton Recreation Reserve, The Willows Historical Park and Police Paddock.



During the community feedback engagement activities, a wide range of people were consulted including children, young people, adults, people who lived in Melton and surrounding areas, visitors to Melton and people from diverse backgrounds.

103 open ended comments were received regarding the draft master plan via survey. A further 39 comments and opinions were gathered via the pop-up engagement tools including drawings, voting pod and chatboards.

- Approximately 1,800 households received a postcard promoting the pop-up feedback event and online survey
- 126 people completed a survey, 86 online and 40 at the pop-up consultation event.
- 14 children and young people provided their feedback by drawing their ideas.
- 20 people engaged with the voting pod activity.
- 4 comments were received via the chatboard at the pop-up consultation event.

1.2 Pop-up Event



One place-based pop-up consultation event was held onsite at Hannah Watts Park on Saturday 22 September between 10am-1pm. The pop-up event included a range of interactive engagement activities and a free coffee cart.

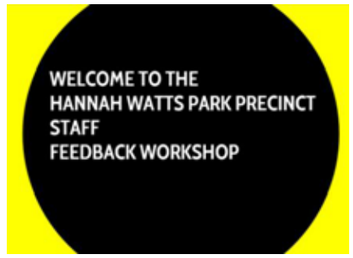
1.3 Survey



An online survey was developed to enable the community to provide their feedback if they were unable to attend the place-based pop-up feedback session. The online survey was hosted by ChatterBox Projects via the Melton City Council Have Your Say website. Online survey closed on 6 October 2018.

The online survey was promoted via on-site signage, a letterbox drop, social media and emails to key stakeholders.

1.4 Stakeholder workshops and meetings



Two stakeholder workshops were held, one for internal Council staff and one for external key stakeholders.

There was also a meeting held with clubs that use facilities located within the Melton Recreation Reserve and surrounding precinct.

1.5 Promotional postcard



A promotional postcard was developed, and letter box dropped to approximately 1,800 households surrounding Hannah Watts Park. The postcard was designed to inform the community about the pop-up event as well as the online feedback form.

2. Master plan feedback summary







2.1 Survey summary

The Hannah Watts Park Precinct feedback form consisted of 14 questions including nine open ended questions and five demographic questions. (Copy of feedback form can be found in the appendix).

126 people completed the feedback form, 40 at the pop-up event and 86 online.

Of the 126 people who completed the survey:

- The most widely represented age group was that of people aged 26-34 years (37.3%) followed by people 35-44 years (26.19%) and 45-59 years (17.46%)
- 54.76% of respondents were female, 44.44% male
- 45.16% of respondents lived in Melton, Melton South or Melton West, 12.1% in Harkness and 9.6% in Kurunjang
- 24.5% of respondents had shared their ideas for the master plan during the stage one consultations, 59.2% had not
- 2.25% of respondents indicated they had mobility issues
- 91.5% of respondents supported the proposed improvements to the active sporting precinct
- 94.39% of respondents supported the proposed improvements to the pathways, trails and signage
- 95.45% of respondents supported the proposed improvement to the open space and natural areas
- 89.11% of respondents supported the proposed facility improvements

2.2 What I love about Hannah Watts Park is… drawings summary



A 'What I love about Hannah Watts Park' drawing sheet was available for children and young people to draw their favourite park element at the pop-up event.

There were many elements represented in the drawings including the gymnastics bars, swings, spinner and trees.

2.3 Voting Pod summary



At the place-based pop-up consultations, a voting pod was used to ask the community whether they supported the overall Hannah Watts Park Precinct draft master plan with the options of yes, no or unsure.

Different coloured voting balls were used for people who were under 18 and people who were over 18 to determine the priorities of different age groups. Each person was able to access one ball for one vote.

Of the 20 people who participated, everyone voted 'yes', 5 under 18 years and 15 over 18 years.

2.4 Chatboard summary



One chatboard was used to get the community to share their ideas publicly at the place-based pop-up event.

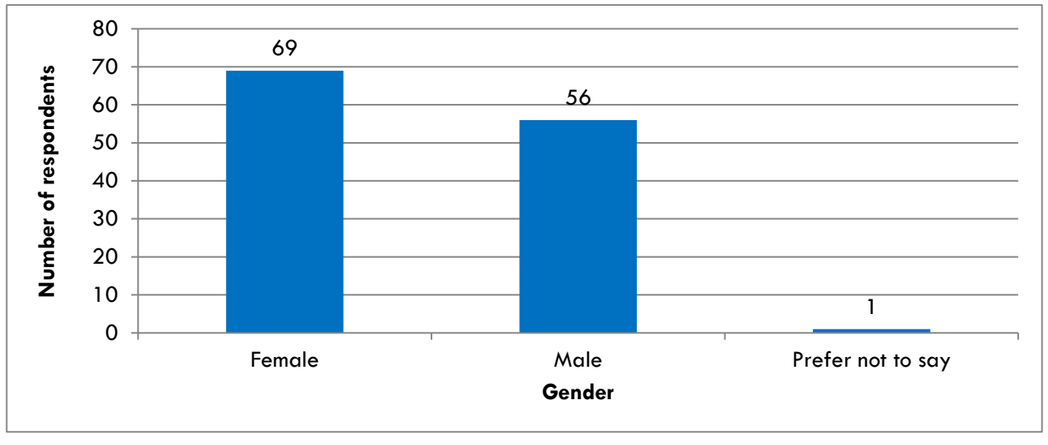
The chatboard question was: "Do you have any specific feedback on…" and there were four themes: 1. Melton Recreation Reserve, Youth & Netball Precinct, 2. Pathways, trails and signage, 3. Open and natural spaces and Facilities. And 4. The Willows, Melton Country and Bowling Clubs

Four comments were received.

3. Participation profile

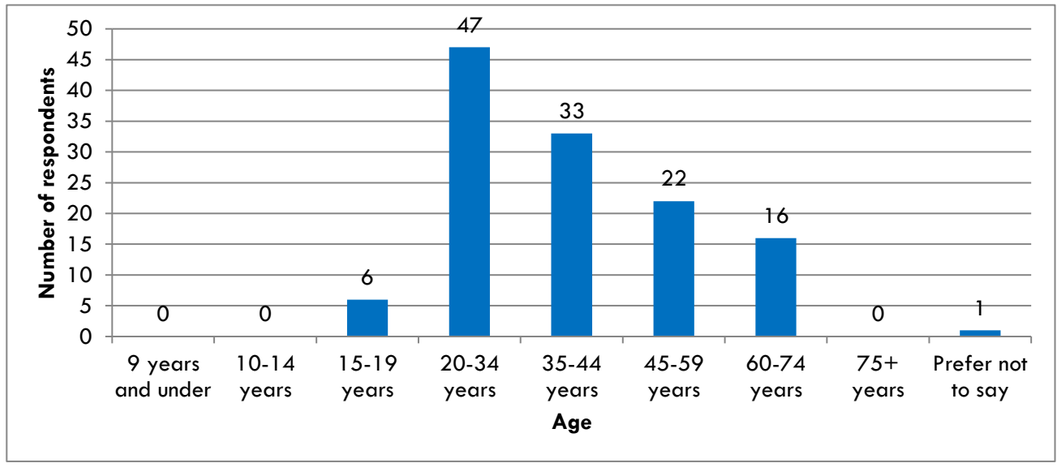
3.1 Gender

Of the 126 respondents who indicated their gender, 54.76% were female and 44.44% were male.



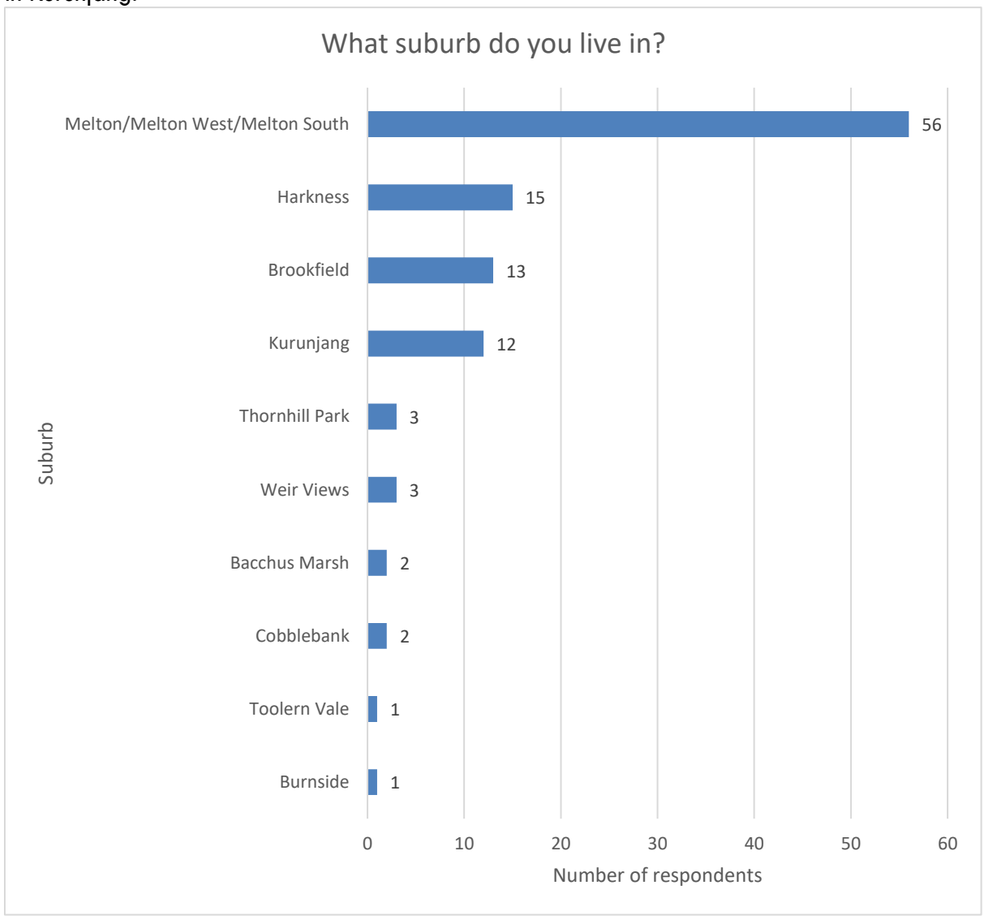
3.2 Age

Of the 126 respondents who indicated their age, there was good representation of people aged between 20-34 years (37.3%) under 35-44 years (26.19%) and 45-59 years (17.46%).



3.3 Suburb

Of the 124 respondents who indicated where they lived, 45.16% lived in Melton, Melton South or Melton West, 12.1% lived in Harkness, 10.48% lived in Brookfield and 9.68% lived in Kurunjang.



Other: There were 12 other individual suburbs indicated including Albion, Darley, Diamond Creek, Hillybank, Keilor Downs, Craigieburn, Alphington, Werribee.

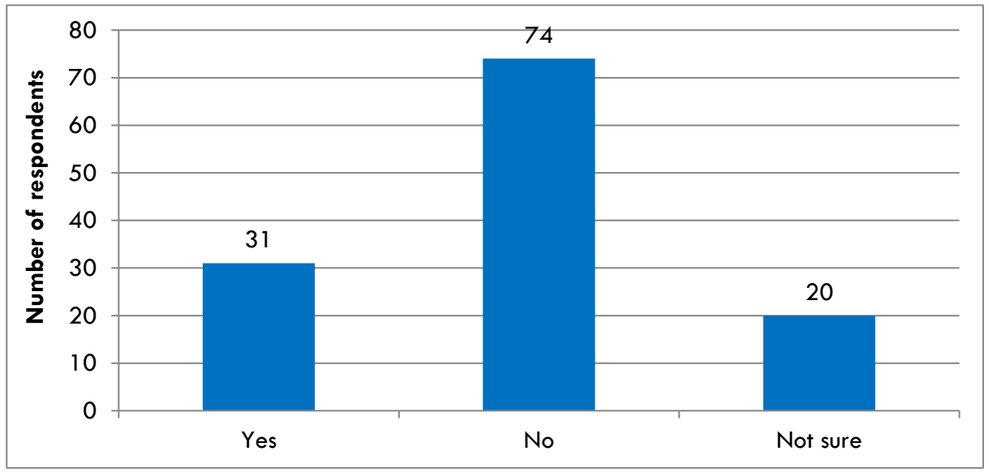
4. Overall Feedback Results

This section outlines the feedback received regarding the draft master plan from the hardcopy and online feedback form. A total of 126 feedback forms were completed, 40 at the pop-up event and 86 online.

4.1 Survey Results

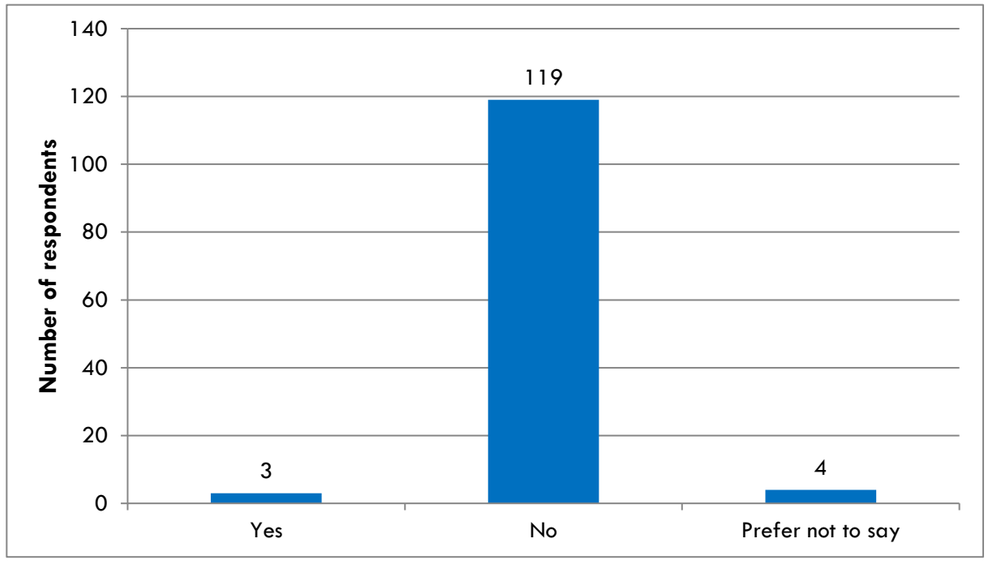
Did you share your ideas for the Hannah Watts Park Master Plan including the playspace and picnic area earlier this year?

24.8% had shared their ideas for the master plan during the stage one consultation.



Do you have any mobility issues?

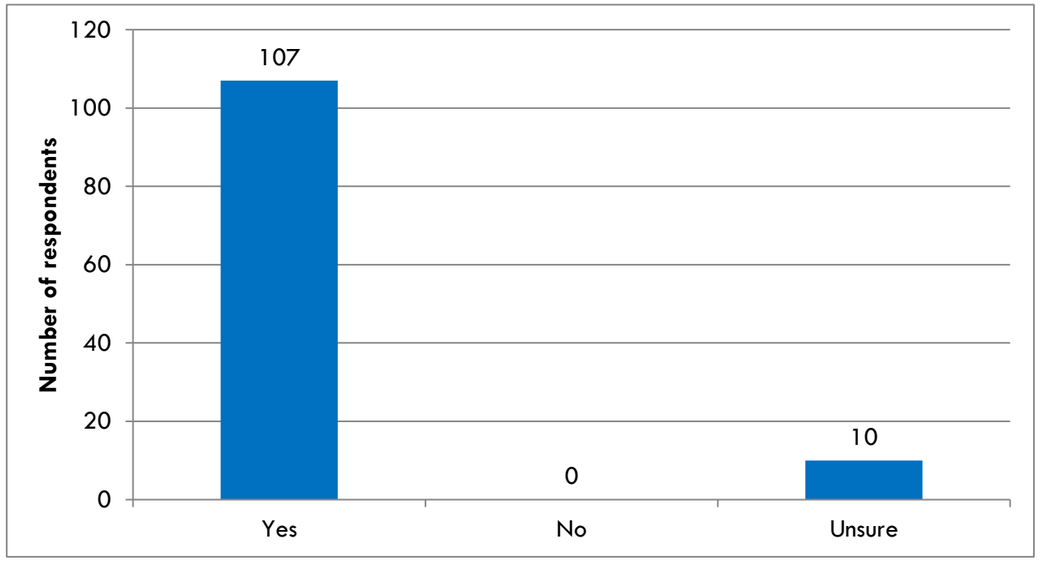
2.38% (3) of respondents indicated they had mobility issues.



4.1.1 Active Sporting Precinct

Overall, do you support the proposed active sporting precinct improvements within the draft master plan?

91.45% of respondents supported the proposed improvements to the active sporting precinct as outlined in the draft master plan.



If no or unsure, why?

8.55% of respondents indicated they were unsure about the proposed improvements to the active sporting precinct with eight comments being received.

All comments are listed below.

COMMENTS-VERBATIM AS RECEIVED
1. I believe the CFA running track is not fairly included in the redevelopment.
2. I like it but at the same time it could use more
3. I want to keep the existing amount of playgrounds. If it's keeping the same amount of play spaces but upgrading them that's great if not it seems silly. Understandably you need to make the whole community happy but those plays spaces are great for how crazy busy that park gets. We need to maintain that while improving the other elements.
4. It's a park not a sports' arena. There is too much focus of sporting facilities in the City of Melton. The municipality is lacking in arts and cultural buildings and spaces.
5. It's been way too long so it needs a good spruce up of an upgrade!! Also maybe get the local teenagers I know who have graffiti art experience talent to maybe help upgrade the skate park maybe paint the skate park over with vibrant graffiti art colours and have a street art mural painted on the walls of the park itself. Something for the teens to do and to get them involved.

COMMENTS-VERBATIM AS RECEIVED
6. No plan for bowling club included in this plan.
7. Things in town should be done first. Like an on and off ramp at Bulmans Rd
8. Where are the public toilets in the car park section off High St gone?? Will there be none in that area?

Do you have any additional comments about the active sporting precinct?

A further 29 comments were received about the active sporting precinct.

All comments are listed below.

COMMENTS-VERBATIM AS RECEIVED
1. Additional play spaces aimed towards younger children (4and under) most parks do not cater for younger kids anymore. Parks are all about older kids and wow factor to draw people in but younger kids need a place to play too
2. All for it, long overdue
3. Appreciate the Melton council's investment in local sport infrastructure and surrounding amenities.
4. As you see a lot of young family enjoying football and cricket at this main oval it would be good to have a safe playground close to new pavilion for younger children
5. Bowling Club needs should be addressed too.
6. Can we have more exercise equipment, a dedicated female area plus a cycling track for practicing pro cycling
7. Four wheeler/car parking needs to improve
8. Great ideas
9. I think the upgrade sounds great!
10. if done correctly this area could be the central hub for sports, festivals, markets ect. masterplan looks like a lot of thought has gone into this. well done. make Melton great
11. Limit it!
12. Looks sensational
13. Make the grass good
14. More playgrounds and huge slides for the big kids like myself.
15. Much needed upgrade
16. Need more sheltered areas within the sporting vicinities as the sports are played rain or shine and also brand-new sheltered BBQ Areas, the playground park also needs sheltered shady areas as summer tends to be really hot and when it's hot, families with kids avoid playing there due to the playground equipment being too hot to play on! Better yet, why not adopt what the park in Rockbank has, an underground water sprinkling system they can turn on in the hot summer season 'for the park users, as it is the best way to cool down and also a great way to grow the grass! Also, as there is vast area of grass patch near the park vicinity, maybe this area can be fenced up so it can be sectioned off for the public to go in there to play footy or a small game of touch rugby with families n friends. that's what my family and I did as we spent a public holiday day there, having a Family BBQ and a small game of touch rugby and playing kicks. it was fun!

COMMENTS-VERBATIM AS RECEIVED
17. Need soccer goals!
18. Nice initiative appreciate it
19. No, I think it's great
20. Please be inclusive of all ages, often outdoor space does not include equipment or opportunities for older people to be physically active. Please include senior exercise park for older people and not just play ground for kids. Please do your research well and consult with relevant well qualified people with knowledge about ageing and physical activity. Recently, research into active ageing found the use of senior exercise park (equipment of Lappset) effective for older people. The national ageing research institute is currently conducting a big research trial with councils as partners to look at the health benefits of using the senior exercise park. Worthwhile looking into it
21. Preventing motorbikes coming through the park
22. Put the netball courts closer to the footy ground
23. Sporting and anything that gets kids and young people to be active and into sports is good and off computers and electronic stuff
24. Tennis
25. Turf cricket wicket on Reserve Rd oval
26. Urgent need for more bicycle tracks in this area
27. Waste of shire money
28. What a fantastic project by council! Very much overdue especially the turf wicket for local cricket clubs.
29. Where is the dog park?

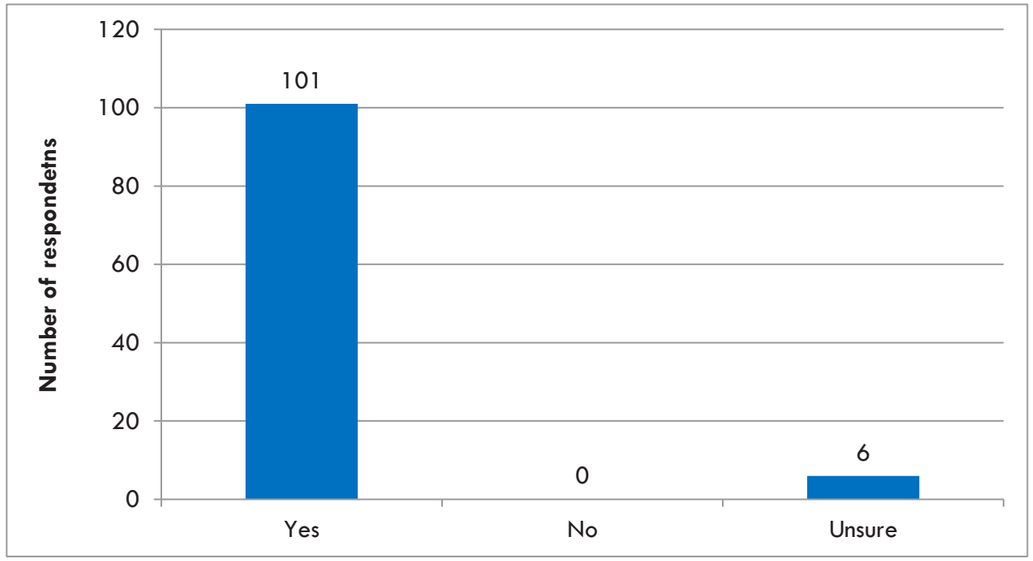




4.1.2 Pathways, Trails and Signage

Overall, do you support the proposed pathways, trails and signage improvements within the draft master plan?

94.39% of respondents supported the proposed improvements to pathways, trails and signage as proposed in the draft master plan.



If no or unsure, why?

5.6% (6) of respondents indicated they were unsure about the proposed improvements to the pathways, trails and signage with three comments being received which can be seen below.

All comments are listed below.

COMMENTS-VERBATIM AS RECEIVED
1. It doesn't appear to have enough car parking
2. Where are the arts' sculptures? Signage is always helpful so that's good. Limit exercise equipment - it's ugly and out of place in a park. Sure provide it at the running track down in Melton South.
3. Yes! This is a must to improve the way this recreation park vicinity has to be shown in signs.

Do you have any additional comments about pathways, trails and signage?

A further 15 comments were received about pathways, trails and signage.

All comments are listed below.

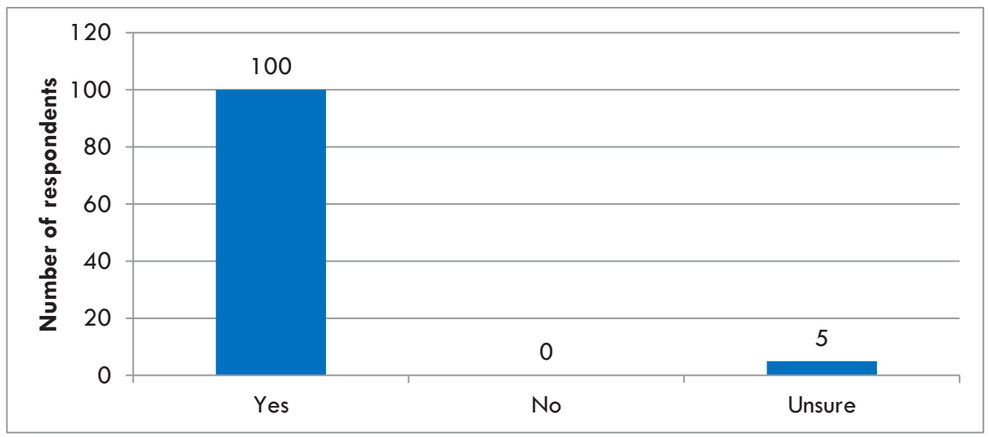
COMMENTS-VERBATIM AS RECEIVED
1. Bike tracks connecting thru all City of Melton sub
2. For Strokers, yes!
3. Great idea - helps people to figure out where they are, where to go
4. Historical information of Melton will be great and especially to share the indigenous historical background of the vast area about Melton itself.
5. Important to recognise the work of Rotary volunteers and any other people who helped establish the precinct
6. Love the idea of making HWP Precinct a "birder" destination. This could be marketed alongside Melton Botanic Garden for day trippers from out of town.
7. More bicycle paths and tracks urgently needed
8. More heritage signs. Talk about Melton in regard to the Goldfields era as a major stopping point for diggers on their way to Ballarat. I am a historian with a lot of knowledge about Melton and the Goldfields, eureka stockade period. It will give Melton more culture which is desperately needs. Expand Willows. [redacted] (personal details have been removed)
9. No tan bark - hate the stuff
10. Perhaps sections of the precinct can be named after members of our community who volunteer and have for many years in different sections of our community. The leaders in our community don't get the recognition they deserve.
11. Please be mindful that is well lit and suitable for old people and people with disabilities
12. The more paths along creeks the better
13. There needs to be a pathway on the Western side of the police paddock linking between the two roads
14. This will be a great attribute to the area
15. Will be a fantastic improvement



4.1.3 Open and Natural Spaces

Overall, do you support the proposed improvements to the open and natural spaces within the draft master plan?

95.24% of respondents indicated they supported the proposed improvements to the open and natural spaces at Hannah Watts Park.



If no or unsure, why?

4.76% (5) of respondents indicated they were unsure about the proposed improvements to the open and natural spaces with four comments being received which are listed below.

COMMENTS-VERBATIM AS RECEIVED
1. I think the dog off-lead area should be securely fenced to separate it from ALL paths.

2. Like I have said before
3. Not sure of the benefits.
4. Off lead dog area - safety and keeping it clean

Do you have any additional comments about the open and natural spaces?

A further 12 comments were received about open and natural areas.

All comments are listed below.

COMMENTS-VERBATIM AS RECEIVED
1. Add more playground to climb up on
2. Area needs to be catered towards under 4's and also older kids. Not just one age bracket
3. As previous comments
4. Definitely clear the creeks. Ensure current and future plantings along pathways do not hang/overgrow onto pathways as they provide snake habitat (hazard for walkers, cyclists and dogs on leads). Re dog area: YES! Much needed and am tired of encountering dogs off lead on the loose. Also, Navan Park is too far to walk to for people on the HW side of Melton township. PLEASE make it fully fenced to min 4ft black cyclone fencing, as generous in size as possible and include stimulation for the dogs such as hillocks, textures, trees, waster, and interest/facilities for their humans: seat, shade. Please also use Navan Park model of a separate area for smaller/frail/senior/timid dogs but this MUST have a separate entry/exist point. Thank you, thank you!
5. I really like the addition of more shelters throughout the area
6. Love the idea of water back in the pond!!
7. Nature is important for kids
8. Please make sure its mobility friendly
9. See above - dog off lead area should be fenced and separated from all paths used by people.
10. The more trees the better. Make it a really green park.
11. They are excellent.
12. Yes I believe they vegetation should still be present around the park areas



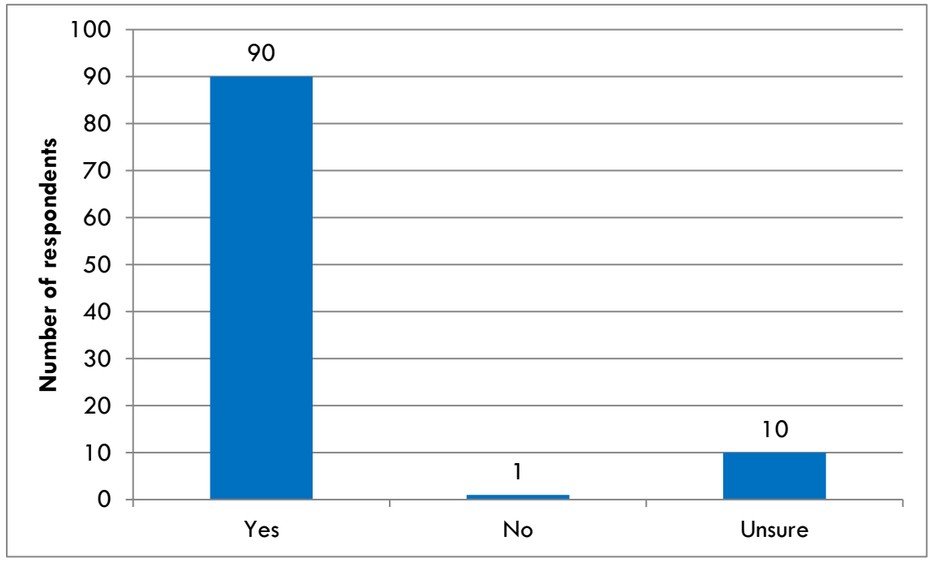




4.1.4 Facility Improvements

Overall, do you support the proposed facility improvements within the draft master plan?

89.11% of respondents indicated they were supportive of the proposed facility improvements.



If no or unsure, why?

9 respondents indicated that were unsure and one respondent indicated they didn't support the proposed facility improvements with nine comments received.

All comments are listed below.

COMMENTS-VERBATIM AS RECEIVED
1. Point 10 above What kind of fencing is being considered, if it is to be remove it will create security problems inside the willows park area eg cars motorbike driving over grassed area unsafe play space which it has a the present time.do you think this will connect the Willows Park to rest of Hannah watts park ??
2. Bowling clubs needs should also be addressed.
3. Ensure there are shaded areas in the Play area for the summer months.
4. I like the forest and the bush
5. I really am 101% behind the change of improvements!
6. I want the same amount of play spaces just with improvements made. All the other ideas sound wonderful. Also we need cctv there.
7. Said it before
8. Sports pavilion in a rural setting park is akin to a sports pavilion in the Botanic Garden. Way off track [pun intended] Melton requires a cultural hub and this type of setting is ideal for it.

COMMENTS-VERBATIM AS RECEIVED
9. Why have the toilets in the car park off High St been removed on the plan? They are the most accessible toilets when kids are at the playground

Do you have any additional comments about the facilities?

17 additional comments were received regarding proposed facility improvements.

All comments are listed below.

COMMENTS-VERBATIM AS RECEIVED
1. A lot of homeless people seem to use the facilities to bathe etc I would like them to get some assistance and housing through local council. Also cctv for the area, lots of broken alcohol bottles and drug packets.
2. A water play area would be fantastic. It is always difficult with young children to have access to a baby change rooms. For toddlers the play area should be fenced off for safety. Smoking is still a big issue at all parks in Melton, ensure there is clear signage and no smoking trays that make smokers think they have the right to smoke.
3. Am fond of the existing bridges, although the timber slats are very slippery in wet/icy weather, and the Nixon St one is too narrow.
4. For goodness sake don't make a mess of it and make it look plastic like those silly red cones popping up from the grassed area in the town centre. Ugly.
5. Grandstands
6. Great going
7. I believe, that this area has strong connection ties to the indigenous locals in the area and for that, the city council really needs to do their research of the vast Melton Area and of it's indigenous historic background by finding out what it's indigenous name is and what it means and therefore this park precinct is the best place to start as it is situated in the heart of Melton Central.
8. I hope it has plenty of lighting for community safety.
9. I think there should be more public toilets
10. If you can have a playground to suit 5 and under not just for older kids
11. More parking signs
12. More parking spaces
13. No
14. Safer amenities and all access for wheelchair bound people is great
15. The proposed picnic shelters don't provide any protection from wind and wind-blown rain showers. The Park is a very windy place. On a relatively calm day there is always a breeze. Has any consideration been given to sun exposure, because there is very little overhang of the roof?
16. There needs to be a clearly defined path from the car park to the shelters so that people do not have to walk through the playground area.
17. Will the Dog Off Leash area be fully fenced? A few Dog groups would appreciate a more central convenience in Melton for regular get togethers.



4.1.5 General Comments

27 comments were made under the general comments section.

All comments are listed below.

COMMENTS-VERBATIM AS RECEIVED
1. Add play at your own risk sign
2. As long as the structures and signage are not damageable by reckless people that have got nothing better to do with their time and then rate payers need to foot bill to fix.hope there will not be an increase to rates
3. Can't wait for all the upgrades to start and finish :-)
4. Conserve the vegetation and local animal life present in the areas
5. Excellent plan. Will encourage more families to come and kids will love it.
6. Great idea about time
7. Great idea. Its a beautiful day and great park to go for a walk
8. Great planning
9. Hannah Watts precinct plan gives the impression that is all it is. It is only after reading the draft fully you see how many other areas are affected. I'm not sure this intent was publicised well enough. Drinking taps also needed in the Willows Park
10. Has the Flood Plan been accessed to determine floor levels when we get major flooding of Toolern Creek? Have VicPol been asked to comment on safety aspects? Has the Melton Emergency Management Planning Committee been asked to assess the suitability of access/egress for emergency vehicles and evacuation requirements?
11. I like the ideas but the trees and bush should be present

COMMENTS-VERBATIM AS RECEIVED
12. I seems that large parts of the park will be inaccessible for a year or so. This is very disappointing. Paths should be kept open unless absolutely necessary to close them for actual works to be carried out.
13. I think this will be a great improvement for our town. Great for family's and visitors to our town
14. I think we should add in a bigger carpark
15. If possible, more parking areas would be much appreciated
16. It looks like a great idea
17. It will be great when complete
18. Just more emphasis on history and culture I feel is required.
19. Love it :-)
20. On and off ramp at Bulmans Rd first
21. Please provide suitable equipment for older people to be able to use to be physically active
22. Such a positive project
23. Thank you for the opportunity to comment. Good luck with it all!
24. The area is ideal to be a highlight in the Melton area. The proposals are fitting and proper and will benefit the majority of the community
25. Urgently needing more bicycle paths and tracks in the area.
26. Walking paths that are in a complete circuit would be a great improvement.
27. Well done Melton City Council.

4.2 Voting pod responses



The voting pod used at the pop-up feedback event had the question, 'Do you support the overall Hannah Watts Park master plan?' with three options, yes, no and unsure. Different coloured balls were used for under 18 and over 18 years.

20 people participated in this activity, with all 20 people voting yes.

4.3 Children and young people's drawings results

14 children and young people provided their feedback on Hannah Watts Park by drawing their favourite elements at Hannah Watts Park. Many of these drawings were from very young children.

The most popular elements drawn were the swings and the gymnastics bars.

5. Stakeholder workshops and meetings

Two stakeholder workshops were held, one for internal Council staff and one for external stakeholders including current users of the facilities at Hannah Watts Park precinct.

10 staff attended the internal staff workshops. There was representation from:

- Recreation and Youth
- Operations
- City Design, Strategy, Environment and Sustainability
- Property Services
- Economic Development and Tourism and
- Community Care and Inclusion

Four people attended the key stakeholder workshops including two councillors, a representative from Department of Environment, Land, Water and Planning and a representative from the Friends of Toolern Creek.

A separate meeting was also held with user groups which included representatives from the Melton Country Club, Melton CFA and Melton South Cricket Club to seek feedback on the draft master plan by Urban Initiatives and Richard Simon. Contact was also made with the Melton South Football Netball club to gain their feedback on the draft Masterplan.

All comments from the internal staff and key stakeholders' workshop and meeting can be found below.

5.1 Staff, key stakeholder workshop and meeting notes

Precinct 1A-Gateway, picnic and playspace
Discussion was had about the type of equipment and materials being used
It was raised that having external basins and taps with the new toilets may encourage vandalism. It was explained that this allowed for passive surveillance for toilets users. The pipes will be enclosed to reduce the likelihood of vandalism. The DDA toilets have internal basins.
The new lighting proposed for the paths are censored and will dim at night.
Hannah Watts, is it an alcohol free zone? Need to clarify and sign to reflect this
Rotary would like existing rock with plaque retained in the upgraded playspace
Issues with trail bike riders passing along creek side path at speed. Public safety concern. Possible solution steel pipe barriers.
Precinct 1B-Reservoir and picnic area
More seats would be good
A sign about feeding the birds was suggested
There were discussions around drainage and how it was proposed to have this reservoir fill with water.
Precinct 2-Police Paddock and Raglan Cottage
It was suggested to have signage explaining why it is called Police Paddock and Pound Paddock onsite
Liked the suggestion of having an enclosed 'backyard' as part of Raglan Cottage

Precinct 3-Toolern Creek Trail
There was discussion around the need for all off lead dog areas in Melton to be fenced and it wasn't proposed to have the dog off area in this precinct fenced. This will have to be reviewed and will need to check Council policy. May need a Council resolution if this was to be a dog off lead area without a fence.
There was discussion around if the path over the creek could be retained as well as having the new bridge installed to allow for people who were exercising and needing resistance could use the step path.
Would there be more dog poo dispenser bags installed.? At this stage now. Results of a study undertaken by Council showed that the introduction of dog poo dispensers did not reduce the amount of dog poo in parks.
Could a sign encourage people to pick up their poo be included?
Precinct 4-Informal recreation
Need to check the lease area of the Melton Country Club to ensure the encroachment of the club affects the relocation of the pavilion.
Dog off lead park would need to be fenced (Council policy), not preferred. Existing dog off lead park nearby (Navan Park)
Precinct 5-Melton Recreation Reserve
Interpretive signage about the CFA training area was suggested
Moving the fence on the East boundary may increase the likelihood of more cars parking on the grass.
Discussion: Why keep the parking around the footy oval? Response: It's still a country football league. It has been reduced from approx. 7/8 to ½. This could be reduced further in the future if required.
Realign the cricket pitch to East West
Add additional water stations in this area
Add seating
Existing toilets near netball courts would need to be retained (possibly upgraded) if pavilion moved to near County Club.
Feedback from Willow Homestead
Strong preference to maintain existing fence around the Willows (vandalism and homelessness issues)
Wants to retain War Memorials near civic centre (heritage listed structures, more prominent location)
Vietnam Veterans building incorrectly labelled as RSL on one plan
Supportive of the other improvements and recommendations as shown on the draft masterplan
Feedback from Melton CFA
Training facility important to ongoing viability of the local CFA, key to attracting young and new members

Want to see fence along the northern side of the training track to control access during events (safety issue)
Asked that a Marshall Track (30m line marked area) be added for training purposes.
Requested listing to be provide (stand alone or oval light poles) to enable evening training
Power access preferable (could be incorporated into light poles).
New judges box required (example plans provided). Needs to elevated and clear visibility to track. Could double as football coaches box or scoreboard.
Storage needed for long ladders etc. Could double as kiosk for events
Feedback from the Melton South Cricket Club
Re-orientate cricket wicket on the plan to north south
Support for change to turf wicket
Lighting to cricket nets area
Support asphalting of road areas to reduce dust
Storage facilities need to have good locking systems to avoid theft
Quality of facilities needs improving to continue to attract new members for both cricket and football (facilities at other local clubs are a higher standard).
Feedback from Melton Country Club
No issues with relocation of pavilion closer to the club.
Happy to discuss adjustment to lease area which extends into parkland/ kick about area
Feedback from Councillors
Good support for re-orientation of the oval and associated improvements (including pavilion near Country Club).
Existing toilets near Netball Courts need to be maintained.
Do not remove Willows Fence
Do not relocate RSL memorials
If existing Red Gum needs to be removed to enlarge oval- reuse logs in nature play
Consideration needed of timing for the construction works to minimise impacts on the clubs.
Issues with trail bike riders passing along the creek side path was also raised

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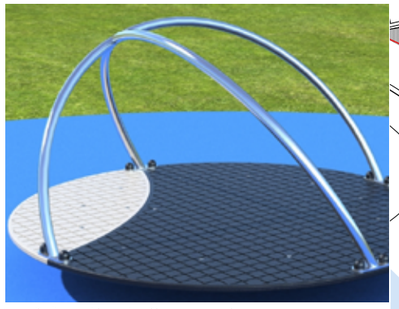
1.6 APPENDIX 06 - PRECINCT 01 PLAYGROUND & PICNIC SPACE PLAN



Proposed new accessible toilet block with lighting



In-ground trampolines with softfall rubber surround for equal access



Whirly Go-Round set flush with softfall rubber allows for equal access



Hidden lookout formed with upright logs in circular arrangement provide a semi-enclosed space from which to observe surrounds





Tower with giant slide and multiple climbing elements. Accessible Interactive play panels to be incorporated in base of tower.



Nature play in dry creek and mallee planting for tactile and imaginative play

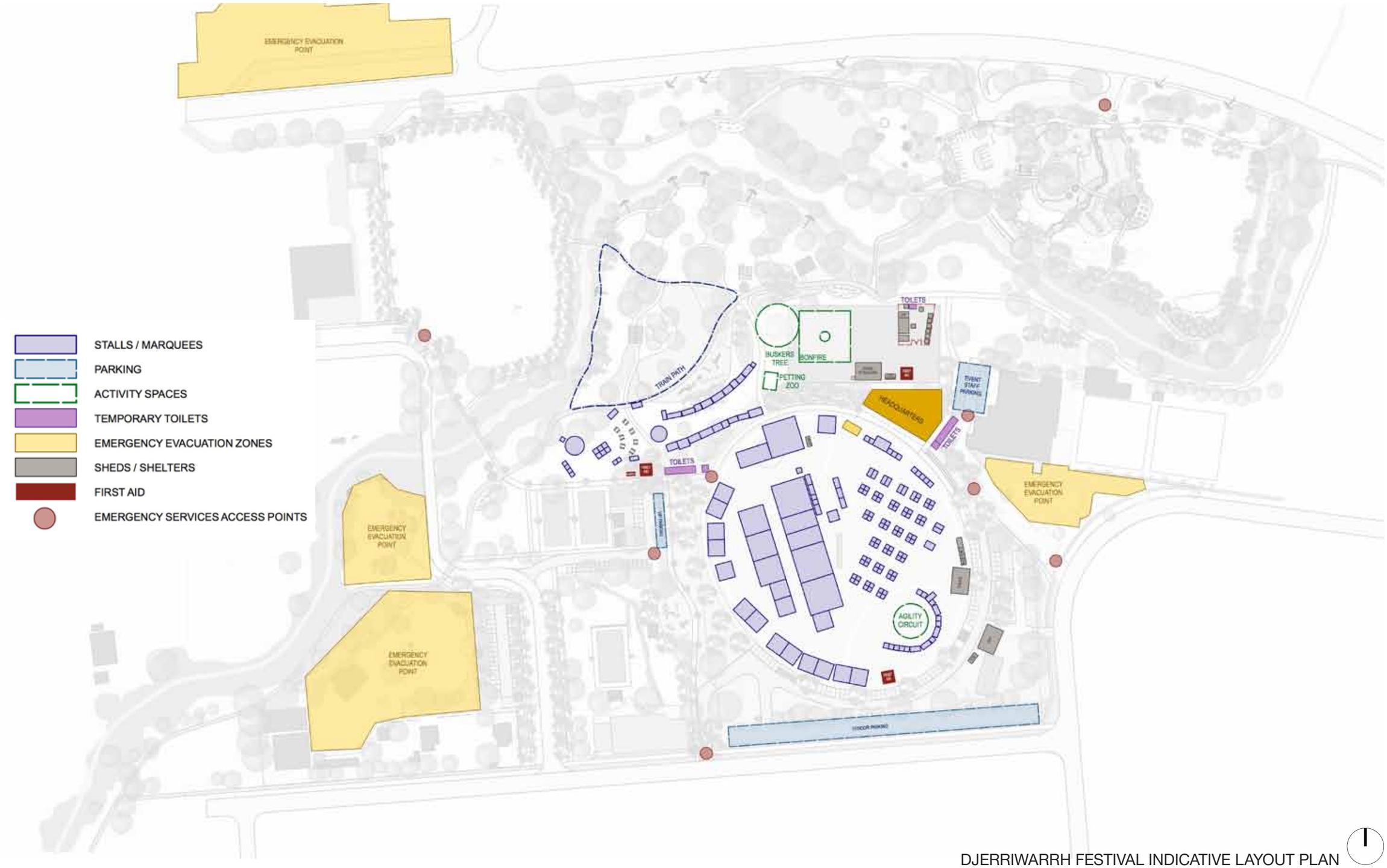


Generous picnic shelters with wheelchair accessible BBQs and table settings

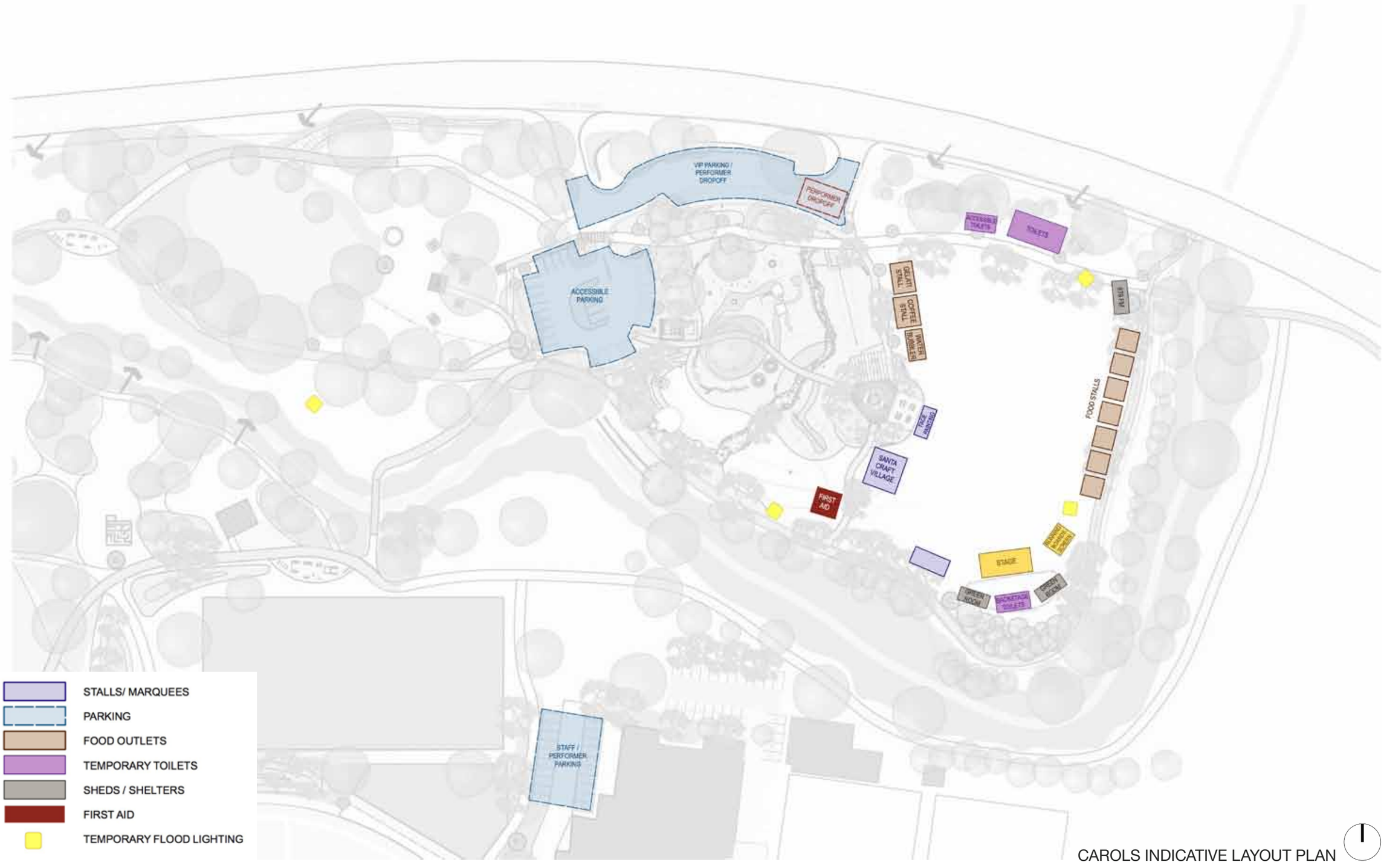


A course of stepping stones, log steppers and balance logs create a loop circuit to challenge young children's balance skills and provide tactile, natural materials

1.7 APPENDIX 07 - EVENTS INDICATIVE LAYOUT PLANS



DJERRIWARRH FESTIVAL INDICATIVE LAYOUT PLAN



CAROLS INDICATIVE LAYOUT PLAN

1.8 APPENDIX 08 - ELECTRICAL SERVICES REPORT

HANNAH WATTS PARK
PRECINCTS REDEVELOPMENT

ELECTRICAL SERVICES

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1 INTRODUCTION

The Hannah Watts Park Precincts are illustrated on the plan below, and consists of the following precincts

Precinct 1a Hannah Watts Park

Precinct 1b The area between Police paddocks Precinct 2 and Hannah Watts park.

Precinct 2 Police Paddocks.

Precinct 3 Toolern Creek Trail

Precinct 4 Informal Recreation Space

Precinct 5 Melton Recreational Reserve

Precinct 6 Active Recreation

Precinct 7 The Willows Historical Park

Precinct 8 Melton Country Club

Webb Australia has conducted a site visit to investigate the power supply for the Precincts described above.

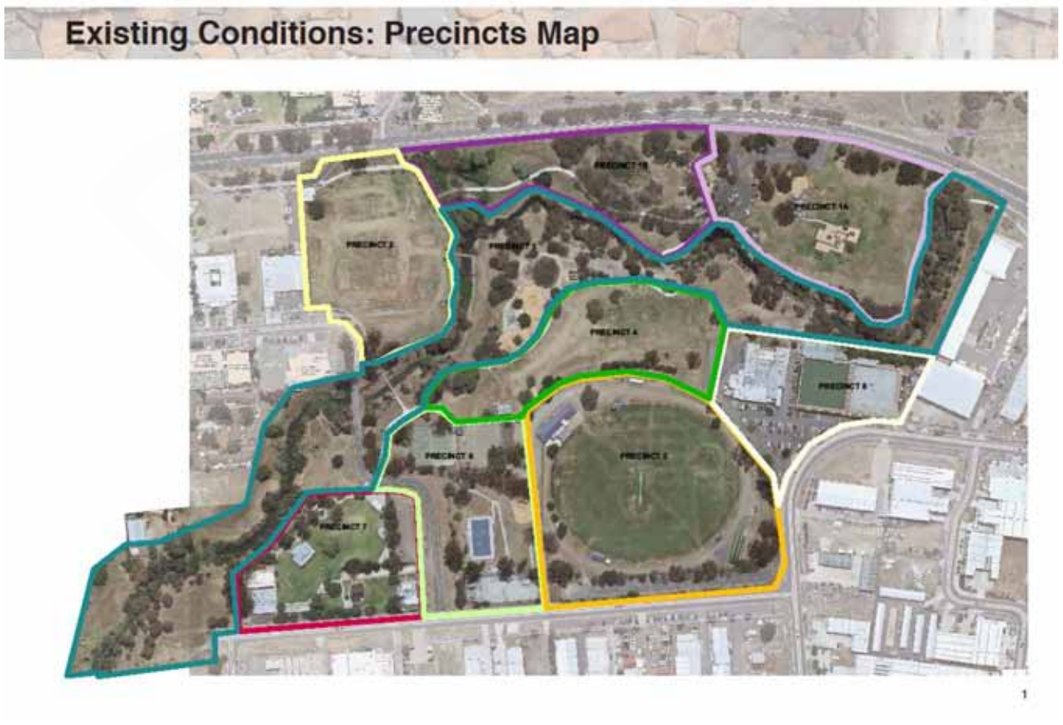


Fig 1 Site Plan showing the precincts' boundaries



Fig 2 Proposed site plan

WEBB

2 PRECINCT 1A HANNAH WATTS PARK

The incoming power supply for Precinct 1 originates from a pole mounted substation on the north side of High Street refer to figure 3 below



Fig 3 Plan view of power supply to site

The pole mounted substation appears to be the sole supply to the Park, although it also supplies a street light on a pole near the entrance to Hannah Watts Park.

From the substation (25 kVA as advised by Powercor) an overhead cable spans High Street and terminates on the service pole near the site boundary as shown above.

The toilet block is then connected via an underground to overhead transition (UGOH) with an underground cable routed from the service pole via a pit to the toilet block. The exact route of this cable could not be observed on site.

Although the switchboard within the toilet block is rated at 100 Amps 3 phase, the maximum current delivery from the transformer is approximately 40 Amps 3 phase.

2.1 MELTON CITY CAROLS BY CANDLELIGHT

The carols by Candlelight event has traditionally been supported by mobile generator power supplies. The intention for future events is to provide new dedicated power infrastructure instead of the noisy and expensive mobile generators.

It is intended to provide new power supplies at the south east corner of Stage 1 with electrical pillars and three phase power points as a permanent power solution for this event. Two locations have been identified where festival caravans could be connected for their electrical requirements. These locations would consist of pillars with power outlets for three phase and single phase plug type connections.

WEBB

2.2 POWER UPGRADE - HIGH STREET SUBSTATION

The power supply to the park may have to be upgraded to support this increased demand for the carnival events and for the amenities lighting and power.

This would require an upgrade of the existing 25 kVA substation in High Street and the subsequent replacement of the service cable from the transformer to the main switchboard in Hannah Watts Park.

It is estimated the substation in High Street would be replaced with a 300 kVA transformer in order to meet the revised demand of Precincts 1A and 1B.

The existing overhead wires in High Street would be replaced by an underground cable from the pole mounted transformer across High Street to a service pit.

3 PRECINCT 1B THE AREA BETWEEN POLICE PADDOCKS AND HANNAH WATTS PARK.

This precinct is intended to be provided with new path lighting.

Power supply for this precinct would be extended from the Hannah Watts Park main switchboard in Precinct 1

4 PRECINCT 2 POLICE PADDOCKS

This area is generally used for outdoor community events. It is understood the events in this area provide their own mobile power supplies.

It is intended to illuminate the pedestrian paths that are to be provided on three sides of this precinct. This would be extended from the Nixon Street substation switchboard in Precinct 5

5 PRECINCT 3 TOOLERN CREEK TRAIL

It is intended to illuminate the pedestrian paths in this precinct. The power source for this lighting would be extended from the Nixon Street substation switchboard in Precinct 5.

6 PRECINCT 4 INFORMAL RECREATION SPACE

This precinct is used for festival events and power supplies have been provided using mobile generator sets. It is intended to provide permanent electrical power for these events.

Three locations have been identified where festival caravans could be connected for their electrical requirements. These locations would consist of pillars with power outlets for three phase and single phase plug type connections.

The electrical pillars would be connected to the new pavilion main switchboard in precinct 5 as described below.

7 PRECINCT 5 OVAL/MELTON RECREATIONAL RESERVE

DRAFT

This precinct consists of the football oval and pavilion. The pavilion receives electrical power from the low voltage overhead line in Nixon Street to a pole located near the tennis court in Precinct 6 and then transitions to an underground cable routed to the pavilion.

A new pavilion is proposed where new main switchboard and metering can be provided for the existing and new facilities as required. New car parking is proposed for the pavilion and on the oval perimeter.

7.1 POWER UPGRADE NIXON STREET

In order to meet the new electrical load demands for the new pavilion, the new pillar power supplies, and new car park lighting it is proposed to install either a kiosk substation near where the existing low voltage power enters the site from Nixon Street, or alternatively a pole mounted substation could be located to the west side of Nixon Street where the HV wires cross to the west side of the street adjacent the Willows carpark.

The pole mounted substation option would be significantly cheaper than the ground mounted kiosk option.

A LV cable would then be bored under the road to a new LV pillar established to control the power supplies to the various precincts on the site. The pillar could also be used as a group metering point if required by Powercor.

The events conducted on the oval are generally passive and do not require/constitute a large electrical load. Power supplies if required for the oval perimeter could be provided as power points on the floodlighting poles. These would be low powered to accommodate small electrical loads only. The floodlights will provide adequate illumination for any night events on the oval.



Fig 4 Existing incoming power supply from Nixon Street

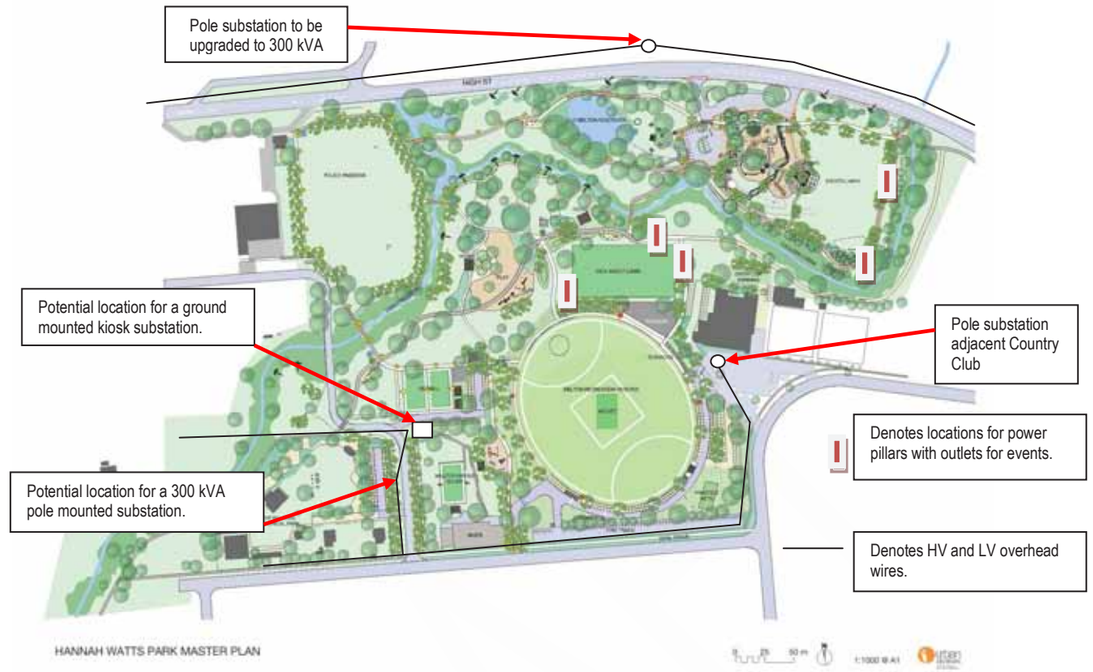


Fig 5 Existing and potential substation upgrades



Fig 6 Potential substation sites, view looking north along Nixon Street from Reserve Road

8 PRECINCT 6 ACTIVE RECREATION

This precinct is supplied via an overhead line from the Nixon Street power pole that supplies the pavilion described in precinct 5.

An underground cable is routed from the pole to a pillar which contains the meter and main switchboard for the netball court shed.

9 PRECINCT 7 THE WILLOWS HISTORICAL PARK/OLD HOMESTEAD

The power supply for this precinct is yet to be investigated.

10 PRECINCT 8 MELTON COUNTRY CLUB

New car parking areas are intended for this precinct which could be reticulated from within the existing buildings. An existing pole mounted substation supplies the Country Club.



Fig 7 Existing pole mounted substation supplying the Country Club

PROWSE QUANTITY SURVEYORS PTY LTD

ABN 83 097 049 548
Suite 8, 13 Church Street, Hawthorn, Victoria 3122
Tel: (03) 9852 7811 Fax: (03) 9852 7044
W: www.prowseqs.com.au E: info@prowseqs.com.au

23 November 2018

Ref: 13169-06

Melton City Council
C/- Urban Initiatives Pty. Ltd.
Ground Floor, 143 Franklin Street
Melbourne Vic 3000

Attention: Mr. T. Hart

Dear Tim,

RE: PROPOSED MASTERPLAN
HANNAH WATTS RESERVE, 183-225 HIGH STREET, MELTON

As requested, we have prepared a cost plan at Stage A for the above project, based on information received by us up to 23 November 2018.

Our estimate of the anticipated total cost is $25,600,000 for a fixed price contract at June 2019 cost levels and a summary follows:

Site Works and External Services	$	17,156,000
Preliminaries	$	1,372,000
Design Variable	$	926,000
Cost Escalation to Tender	$	778,000
Cost Escalation During Construction	$	303,000
Contract Contingency	$	2,054,000
Professional Fees	$	2,711,000
Authority Contribution and Headworks Charges	$	300,000
Anticipated Total Project Cost (Excluding GST) (Fixed Price Contract – June 2019)	**$**	**25,600,000**

DIRECTOR: Anthony Prowse Dip QS (Dist) (RMIT) FAIQS CQS
ASSOCIATE DIRECTORS: Vincent Lau B App Sc C Mgt (Hons) (RMIT) FAIQS CQS ICECA, Joe Y.C. Yeh B Plan & D (Melb) B Prop & C (Melb) MAIQS CQS
ASSOCIATES: David Grennan B Sc QS (SIT, Ireland) MAIQS CQS, Mary Prowse B App Sc (ConstMgt) (RMIT) (Hons) MAIQS CQS
CONSULTANT: Krissy Chin B Plan & D (Melb) B Prop & C (Melb) MAIQS

Allowances for the following have been included in our estimate:

- Preliminaries
- Design Variable
- Cost escalation for a tender received in June 2019
- Cost escalation during construction
- Competitive tendering
- Contract contingency
- Professional Fees
- Authority contribution & headwork charges

Allowances for the following have been excluded from our estimate:

- Goods & Services Tax
- Cost escalation for a tender received after June 2019
- Abnormal ground conditions
- Adverse market conditions
- Excavation in rock
- Removal of contaminated soil
- Costs associated with disruptions due to cultural discoveries

This estimate is based on preliminary information. Assumptions have been made and these assumptions will require confirmation when further documentation becomes available.

We have attached a copy of our Stage A cost plan for your information.

Yours faithfully
PROWSE QUANTITY SURVEYORS PTY LTD

PP VINCENT LAU

PROWSE QUANTITY SURVEYORS PTY LTD
ABN 83 097 049 548 ACN 097 049 548

HANNAH WATTS PARK, MELTON - MASTERPLAN
183-225 HIGH STREET, MELTON, VICTORIA 3338

ARCHITECT: Urban Initiatives

JOB	13169		
DATE	23/11/2018		
FECA	700	-	-
UCA	864	-	-
OPEN	190,108	1,166	14,844
REF	D/1	D/2	D/3

ELEM	DESCRIPTION		UNIT	QUANTITY	RATE ($)	COST ($)	PRECINT 1A COMPLETION WORKS	PRECINT 1B RESERVOIR & PICNIC	PRECINCT 2 PADDOCK & COTTAGE
	Site Works & External Services								
XP	Site Preparation & Clean Up		ITEM			370,000	10,000	20,000	10,000
	Demolish existing tennis courts		ITEM			60,000	-	-	-
	Seal well and remove fencing (Scope - TBC)		ITEM			10,000	-	-	-
XR	Roads, Footpaths & Paved Areas								
	Primary | Shared Path (Say concrete/asphalt)	(OPEN)	M2	4,284	150	642,600	72,900	54,150	53,400
	Secondary Path | Road | Carpark	(OPEN)	M2	3,800	200	760,000	-	-	77,800
	Gravel Pavement	(OPEN)	M2	7,509	70	525,630	-	-	-
	Timber Bridge | Boardwalk	(OPEN)	M2	318	1,550	492,900	-	288,300	-
	Creek Terrace and Deck	(OPEN)	M2	70	1,550	108,500	-	-	-
	Exercise Area Paving	(OPEN)	M2	394	150	59,100	-	17,250	-
	Play Area (Say granitic gravel)	(OPEN)	M2	2,736	70	191,520	-	-	-
	Netball Courts	(OPEN)	M2	1,520	370	562,400	-	-	-
	Crossing Point (Line Marking | Traffic Control)	(OPEN)	M2	34	250	8,500	-	-	-
	Make good to existing paths	(OPEN)	M2	4,183	10	41,830	-	9,130	7,310
	Make good to existing roads / carpark	(OPEN)	M2	6,328	15	94,920	-	-	3,540
	Synthetic turf cricket nets (Details - TBC)	(OPEN)	M2	272	950	258,400	-	-	-
	Make good to existing CFA fire track	(OPEN)	M2	2,057	15	30,855	-	-	-
	Convert existing netball court to multi purpose court	(OPEN)	M2	764	80	61,120	-	-	-
	Upgrade skate facilities	(OPEN)	M2	1,483	200	296,600	-	-	-
	Playground area (Make good)	(OPEN)	M2	620	40	24,800	-	-	-
	Miscellaneous paths & roadworks		ITEM			209,000	4,000	18,000	7,000
XN	Boundary Walls, Fencing & Gates - Bollards, Traffic Control								
	Decorative entry fence (Willows Historic Park)		M	300	350	105,000	-	-	-
	Paint existing steel picket fence (Willows Historic Park)		M	215	60	12,900	-	-	-
	2100 high cyclone site perimeter fence		M	532	180	95,760	-	-	-
	8000 high cyclone behind football goals fence		M	101	450	45,450	-	-	-
	2100 high removable fence		M	115	350	40,250	-	-	-
	1200 high removable fence (Fire Track)		M	191	250	47,750	-	-	-
	Retaining wall (Scope - TBC) (Excluded)		NOTE			-	-	-	-
XB	Outbuildings & Covered Ways								
	Pavilion (Details - TBC)	(FECA)	M2	700	3,500	2,450,000	-	-	-
	Viewing Terrace	(UCA)	M2	280	1,200	336,000	-	-	-
	Timber deck	(UCA)	M2	104	900	93,600	-	-	-
	Picnic Shelters	(UCA)	M2	480	310	148,800	-	-	-
	Seating / Umpire Shelters		NO	10	15,000	150,000	-	-	-
	Maintenance Shed		NO	1	25,000	25,000	-	-	-
	CFA Judges Box		NO	1	80,000	80,000	-	-	-
	Relocate existing change facility - Netball Courts		NO	1	50,000	50,000	-	-	-
	Allowance for external façade works to Green toilet block (Scope		ITEM			80,000	-	-	-
	Allowance for structural works to Willow buildings (Scope - TBC)		ITEM			50,000	-	-	-
	Allowance for general maintenance to Bowls Club (Scope - TBC)		ITEM			500,000	-	-	-
XL	Landscaping & Improvements								
	Minor Works Landscape Areas	(OPEN)	M2	73,867	1	73,867	-	8,737	17,061
	Grassed Areas	(OPEN)	M2	18,555	35	649,425	-	-	-
	- Extra over to form mound		M2	867	50	43,350	-	-	-
	Revegetation Planting	(OPEN)	M2	23,607	65	1,534,455	-	174,590	-
	Landscape Planting	(OPEN)	M2	4,960	100	496,000	68,000	-	-
	Creek Exploration Path	(OPEN)	M2	833	70	58,310	-	-	-
	Rock Swale	(OPEN)	M2	179	250	44,750	-	44,750	-
	Reservoir | Waterbody (Clean & Make good)	(OPEN)	M2	7,119	5	35,595	-	8,335	-
	Private Garden Space (Artist Residence)	(OPEN)	M2	336	300	100,800	-	-	100,800
	Overflow Grass Parking	(OPEN)	M2	535	120	64,200	-	-	-
	Oval	(OPEN)	M2	19,813	80	1,585,040	-	-	-
	Kick About Lawn (Minor Works)	(OPEN)	M2	3,932	1	3,932	-	-	-
	Trees (Mature)		NO	108	650	70,200	13,650	-	-
	Picnic Tables		NO	5	3,000	15,000	-	15,000	-
	Seating Areas		NO	5	5,000	25,000	-	-	-
	Exercise Equipment		NO	3	20,000	60,000	-	20,000	-
	Signage - Interpretive, Park Entrance, Map & Wayfinding		NO	16	20,000	320,000	60,000	60,000	60,000
	Playground		NO	1	250,000	250,000	-	-	-
	Playground - Upgrade Existing		NO	1	200,000	200,000	-	-	-
	Maze (Improve transparency)		ITEM			30,000	-	-	-
	Rock stepper creek crossing		ITEM			100,000	-	-	-
	Relocate war memorials (In 3 No.) (Deleted - As Advised)		NOTE			-	-	-	-
	BBQ (Nil - TBC)		NOTE			-	-	-	-
	Miscellaneous elements / bins / bird hives / flag pole / furniture		ITEM			110,000	-	6,000	3,000
	Art works / Sculptures (Excluded - TBC)		NOTE			-	-		-
XK	External Stormwater & Drainage		ITEM			290,000	4,000	14,000	7,000
	Pump & Aerator		ITEM			50,000	-	50,000	-
XD	External Sewerage Drainage - Inc. Grease Trap		ITEM			145,000	2,000	7,000	3,000
XW	External Water Supply		ITEM			73,000	1,000	4,000	2,000
XG	External Gas		ITEM			73,000	1,000	4,000	2,000
XF	External Fire Protection		ITEM			145,000	2,000	7,000	3,000
XE	External Electrical Light & Power		ITEM			219,000	3,000	11,000	5,000
	Carpark lighting		ITEM			100,000	80,000	-	-
	Signalised Pedestrian Crossing Point (Deleted - As Advised)		NOTE			-	-	-	-
	Upgrade existing sport light towers - Oval		ITEM			500,000	-	-	-
	Upgrade existing light towers - Skate Park		ITEM			50,000	-	-	-
	Sport light towers - Netball Courts		ITEM			60,000	-	-	-
	Upgrade existing light towers - Lawn Bowls (Deleted - As Advised)		NOTE			-	-	-	-
	Path light		NO	59	6,000	354,000	54,000	66,000	96,000
XC	External Communications		ITEM			108,000	2,000	5,000	2,000
	Balance of Funds		ITEM			(109)	(550)	(242)	89
SUB-TOTAL						$ 17,156,000	377,000	912,000	460,000
PRELIMINARIES		8.00				$ 1,372,000	30,000	73,000	37,000
DESIGN VARIABLE		5.00	%			$ 926,000	20,000	49,000	25,000
COST ESCALATION TO TENDER		4.00	%			$ 778,000	17,000	41,000	21,000
COST ESCALATION DURING CONSTRUCTION		1.50	%			$ 303,000	6,000	16,000	8,000
CONTRACT CONTINGENCY		10.00	%			$ 2,054,000	45,000	109,000	55,000
PROFESSIONAL FEES		12.00	%			$ 2,711,000	65,000	140,000	74,000
AUTHORITY CO-CONTRIBUTION & HEADWORKS		ITEM				$ 300,000	-	-	-
ANTICIPATED PROJECT COST (EXCLUDING GST)						**$ 25,600,000**	**560,000**	**1,340,000**	**680,000**

(Fixed Price Contract - June 2019)

PROWSE QUANTITY SURVEYORS PTY LTD
ABN 83 097 049 548 ACN 097 049 548

HANNAH WATTS PARK, MELTON - MASTERPLAN
183-225 HIGH STREET, MELTON, VICTORIA 3338

ARCHITECT: Urban Initiatives

JOB	13169			
DATE	23/11/2018			
FECA	700	-	-	700
UCA	864	160	-	384
OPEN	190,108	67,671	17,200	35,944
REF	D/1	D/5	D/6	D/7

ELEM	DESCRIPTION		UNIT	QUANTITY	RATE ($)	COST ($)	PRECINCT 3 TOOLERN CREEK TRAIL	PRECINCT 4 INFORMAL REC SPACE	PRECINCT 5 MELTON REC RESERVE
	Site Works & External Services								
XP	Site Preparation & Clean Up		ITEM			370,000	70,000	10,000	150,000
	Demolish existing tennis courts		ITEM			60,000	-	-	-
	Seal well and remove fencing (Scope - TBC)		ITEM			10,000	-	-	-
XR	Roads, Footpaths & Paved Areas								
	Primary | Shared Path (Say concrete/asphalt)	(OPEN)	M2	4,284	150	642,600	196,050	70,200	13,050
	Secondary Path | Road | Carpark	(OPEN)	M2	3,800	200	760,000	-	-	418,600
	Gravel Pavement	(OPEN)	M2	7,509	70	525,630	-	-	193,900
	Timber Bridge | Boardwalk	(OPEN)	M2	318	1,550	492,900	204,600	-	-
	Creek Terrace and Deck	(OPEN)	M2	70	1,550	108,500	108,500	-	-
	Exercise Area Paving	(OPEN)	M2	394	150	59,100	19,350	-	-
	Play Area (Say granitic gravel)	(OPEN)	M2	2,736	70	191,520	191,520	-	-
	Netball Courts	(OPEN)	M2	1,520	370	562,400	-	-	-
	Crossing Point (Line Marking | Traffic Control)	(OPEN)	M2	34	250	8,500	8,500	-	-
	Make good to existing paths	(OPEN)	M2	4,183	10	41,830	23,170	-	-
	Make good to existing roads / carpark	(OPEN)	M2	6,328	15	94,920	14,100	-	-
	Synthetic turf cricket nets (Details - TBC)	(OPEN)	M2	272	950	258,400	-	-	258,400
	Make good to existing CFA fire track	(OPEN)	M2	2,057	15	30,855	-	-	30,855
	Convert existing netball court to multi purpose court	(OPEN)	M2	764	80	61,120	-	-	-
	Upgrade skate facilities	(OPEN)	M2	1,483	200	296,600	-	-	-
	Playground area (Make good)	(OPEN)	M2	620	40	24,800	-	-	-
	Miscellaneous paths & roadworks		ITEM			209,000	38,000	4,000	46,000
XN	Boundary Walls, Fencing & Gates - Bollards, Traffic Control								
	Decorative entry fence (Willows Historic Park)		M	300	350	105,000	-	-	-
	Paint existing steel picket fence (Willows Historic Park)		M	215	60	12,900	-	-	-
	2100 high cyclone site perimeter fence		M	532	180	95,760	-	-	95,760
	8000 high cyclone behind football goals fence		M	101	450	45,450	-	-	45,450
	2100 high removable fence		M	115	350	40,250	-	-	40,250
	1200 high removable fence (Fire Track)		M	191	250	47,750	-	-	47,750
	Retaining wall (Scope - TBC) (Excluded)		NOTE			-	-	-	-
XB	Outbuildings & Covered Ways								
	Pavilion (Details - TBC)	(FECA)	M2	700	3,500	2,450,000	-	-	2,450,000
	Viewing Terrace	(UCA)	M2	280	1,200	336,000	-	-	336,000
	Timber deck	(UCA)	M2	104	900	93,600	-	-	93,600
	Picnic Shelters	(UCA)	M2	480	310	148,800	49,600	-	-
	Seating / Umpire Shelters		NO	10	15,000	150,000	-	-	60,000
	Maintenance Shed		NO	1	25,000	25,000	-	-	25,000
	CFA Judges Box		NO	1	80,000	80,000	-	-	80,000
	Relocate existing change facility - Netball Courts		NO	1	50,000	50,000	-	-	-
	Allowance for external façade works to Green toilet block (Scope		ITEM			80,000	-	80,000	-
	Allowance for structural works to Willow buildings (Scope - TBC)		ITEM			50,000	-	-	-
	Allowance for general maintenance to Bowls Club (Scope - TBC)		ITEM			500,000	-	-	-
XL	Landscaping & Improvements								
	Minor Works Landscape Areas	(OPEN)	M2	73,867	1	73,867	29,070	12,158	-
	Grassed Areas	(OPEN)	M2	18,555	35	649,425	16,625	-	309,820
	- Extra over to form mound		M2	867	50	43,350	23,750	-	19,600
	Revegetation Planting	(OPEN)	M2	23,607	65	1,534,455	1,346,085	6,955	-
	Landscape Planting	(OPEN)	M2	4,960	100	496,000	346,700	-	-
	Creek Exploration Path	(OPEN)	M2	833	70	58,310	58,310	-	-
	Rock Swale	(OPEN)	M2	179	250	44,750	-	-	-
	Reservoir | Waterbody (Clean & Make good)	(OPEN)	M2	7,119	5	35,595	27,260	-	-
	Private Garden Space (Artist Residence)	(OPEN)	M2	336	300	100,800	-	-	-
	Overflow Grass Parking	(OPEN)	M2	535	120	64,200	-	64,200	-
	Oval	(OPEN)	M2	19,813	80	1,585,040	-	-	1,585,040
	Kick About Lawn (Minor Works)	(OPEN)	M2	3,932	1	3,932	-	3,932	-
	Trees (Mature)		NO	108	650	70,200	16,250	8,450	15,600
	Picnic Tables		NO	5	3,000	15,000	-	-	-
	Seating Areas		NO	5	5,000	25,000	5,000	-	20,000
	Exercise Equipment		NO	3	20,000	60,000	20,000	-	-
	Signage - Interpretive, Park Entrance, Map & Wayfinding		NO	16	20,000	320,000	60,000	-	20,000
	Playground		NO	1	250,000	250,000	250,000	-	-
	Playground - Upgrade Existing		NO	1	200,000	200,000	-	-	-
	Maze (Improve transparency)		ITEM			30,000	30,000	-	-
	Rock stepper creek crossing		ITEM			100,000	100,000	-	-
	Relocate war memorials (In 3 No.) (Deleted - As Advised)		NOTE			-	-	-	-
	BBQ (Nil - TBC)		NOTE			-	-	-	-
	Miscellaneous elements / bins / bird hives / flag pole / furniture		ITEM			110,000	46,000	2,000	39,000
	Art works / Sculptures (Excluded - TBC)		NOTE			-	-	-	-
XK	External Stormwater & Drainage		ITEM			290,000	65,000	5,000	125,000
	Pump & Aerator		ITEM			50,000	-	-	-
XD	External Sewerage Drainage - Inc. Grease Trap		ITEM			145,000	32,000	3,000	62,000
XW	External Water Supply		ITEM			73,000	16,000	1,000	31,000
XG	External Gas		ITEM			73,000	16,000	1,000	31,000
XF	External Fire Protection		ITEM			145,000	32,000	3,000	62,000
XE	External Electrical Light & Power		ITEM			219,000	48,000	4,000	94,000
	Carpark lighting		ITEM			100,000	-	-	-
	Signalised Pedestrian Crossing Point (Deleted - As Advised)		NOTE			-	-	-	-
	Upgrade existing sport light towers - Oval		ITEM			500,000	-	-	500,000
	Upgrade existing light towers - Skate Park		ITEM			50,000	-	-	-
	Sport light towers - Netball Courts		ITEM			60,000	-	-	-
	Upgrade existing light towers - Lawn Bowls (Deleted - As Advised)		NOTE			-	-	-	-
	Path light		NO	59	6,000	354,000	24,000	-	-
XC	External Communications		ITEM			108,000	24,000	2,000	47,000
	Balance of Funds		ITEM			(109)	(440)	105	325

SUB-TOTAL			$	17,156,000	3,555,000	281,000	7,346,000
PRELIMINARIES	8.00		$	1,372,000	284,000	22,000	588,000
DESIGN VARIABLE	5.00	%	$	926,000	192,000	15,000	397,000
COST ESCALATION TO TENDER	4.00	%	$	778,000	161,000	13,000	333,000
COST ESCALATION DURING CONSTRUCTION	1.50	%	$	303,000	63,000	5,000	130,000
CONTRACT CONTINGENCY	10.00	%	$	2,054,000	426,000	34,000	879,000
PROFESSIONAL FEES	12.00	%	$	2,711,000	559,000	40,000	1,167,000
AUTHORITY CO-CONTRIBUTION & HEADWORKS	ITEM		$	300,000	100,000	-	200,000
ANTICIPATED PROJECT COST (EXCLUDING GST)			**$**	**25,600,000**	**5,340,000**	**410,000**	**11,040,000**

(Fixed Price Contract - June 2019)

PROWSE QUANTITY SURVEYORS PTY LTD
ABN 83 097 049 548 ACN 097 049 548

HANNAH WATTS PARK, MELTON - MASTERPLAN
183-225 HIGH STREET, MELTON, VICTORIA 3338

ARCHITECT: Urban Initiatives

JOB	13169		
DATE	23/11/2018		
FECA	700	-	-
UCA	864	320	-
OPEN	190,108	18,740	11,414	4,020
REF	D/1	D/8	D/9	D/10

ELEM	DESCRIPTION		UNIT	QUANTITY	RATE ($)	COST ($)	PRECINCT 6 ACTIVE REC & YOUTH	PRECINCT 7 WILLOWS HISTORIC PARK	PRECINCT 8 MELTON COUNTRY CLUB
	Site Works & External Services								
XP	Site Preparation & Clean Up		ITEM			370,000	60,000	20,000	20,000
	Demolish existing tennis courts		ITEM			60,000	60,000	-	-
	Seal well and remove fencing (Scope - TBC)		ITEM			10,000	-	10,000	-
XR	Roads, Footpaths & Paved Areas								
	Primary | Shared Path (Say concrete/asphalt)	(OPEN)	M2	4,284	150	642,600	75,150	107,700	-
	Secondary Path | Road | Carpark	(OPEN)	M2	3,800	200	760,000	153,600	110,000	-
	Gravel Pavement	(OPEN)	M2	7,509	70	525,630	157,290	174,440	-
	Timber Bridge | Boardwalk	(OPEN)	M2	318	1,550	492,900	-	-	-
	Creek Terrace and Deck	(OPEN)	M2	70	1,550	108,500	-	-	-
	Exercise Area Paving	(OPEN)	M2	394	150	59,100	22,500	-	-
	Play Area (Say granitic gravel)	(OPEN)	M2	2,736	70	191,520	-	-	-
	Netball Courts	(OPEN)	M2	1,520	370	562,400	562,400	-	-
	Crossing Point (Line Marking | Traffic Control)	(OPEN)	M2	34	250	8,500	-	-	-
	Make good to existing paths	(OPEN)	M2	4,183	10	41,830	2,220	-	-
	Make good to existing roads / carpark	(OPEN)	M2	6,328	15	94,920	18,555	-	58,725
	Synthetic turf cricket nets (Details - TBC)	(OPEN)	M2	272	950	258,400	-	-	-
	Make good to existing CFA fire track	(OPEN)	M2	2,057	15	30,855	-	-	-
	Convert existing netball court to multi purpose court	(OPEN)	M2	764	80	61,120	61,120	-	-
	Upgrade skate facilities	(OPEN)	M2	1,483	200	296,600	296,600	-	-
	Playground area (Make good)	(OPEN)	M2	620	40	24,800	24,800	-	-
	Miscellaneous paths & roadworks		ITEM			209,000	69,000	20,000	3,000
XN	Boundary Walls, Fencing & Gates - Bollards, Traffic Control								
	Decorative entry fence (Willows Historic Park)		M	300	350	105,000	-	105,000	-
	Paint existing steel picket fence (Willows Historic Park)		M	215	60	12,900	-	12,900	-
	2100 high cyclone site perimeter fence		M	532	180	95,760	-	-	-
	8000 high cyclone behind football goals fence		M	101	450	45,450	-	-	-
	2100 high removable fence		M	115	350	40,250	-	-	-
	1200 high removable fence (Fire Track)		M	191	250	47,750	-	-	-
	Retaining wall (Scope - TBC) (Excluded)		NOTE			-	-	-	-
XB	Outbuildings & Covered Ways								
	Pavilion (Details - TBC)	(FECA)	M2	700	3,500	2,450,000	-	-	-
	Viewing Terrace	(UCA)	M2	280	1,200	336,000	-	-	-
	Timber deck	(UCA)	M2	104	900	93,600	-	-	-
	Picnic Shelters	(UCA)	M2	480	310	148,800	99,200	-	-
	Seating / Umpire Shelters		NO	10	15,000	150,000	90,000	-	-
	Maintenance Shed		NO	1	25,000	25,000	-	-	-
	CFA Judges Box		NO	1	80,000	80,000	-	-	-
	Relocate existing change facility - Netball Courts		NO	1	50,000	50,000	50,000	-	-
	Allowance for external façade works to Green toilet block (Scope		ITEM			80,000	-	-	-
	Allowance for structural works to Willow buildings (Scope - TBC)		ITEM			50,000	-	50,000	-
	Allowance for general maintenance to Bowls Club (Scope - TBC)		ITEM			500,000	-	-	500,000
XL	Landscaping & Improvements								
	Minor Works Landscape Areas	(OPEN)	M2	73,867	1	73,867	-	6,841	-
	Grassed Areas	(OPEN)	M2	18,555	35	649,425	322,980	-	-
	- Extra over to form mound		M2	867	50	43,350	-	-	-
	Revegetation Planting	(OPEN)	M2	23,607	65	1,534,455	-	-	6,825
	Landscape Planting	(OPEN)	M2	4,960	100	496,000	-	81,300	-
	Creek Exploration Path	(OPEN)	M2	833	70	58,310	-	-	-
	Rock Swale	(OPEN)	M2	179	250	44,750	-	-	-
	Reservoir | Waterbody (Clean & Make good)	(OPEN)	M2	7,119	5	35,595	-	-	-
	Private Garden Space (Artist Residence)	(OPEN)	M2	336	300	100,800	-	-	-
	Overflow Grass Parking	(OPEN)	M2	535	120	64,200	-	-	-
	Oval	(OPEN)	M2	19,813	80	1,585,040	-	-	-
	Kick About Lawn (Minor Works)	(OPEN)	M2	3,932	1	3,932	-	-	-
	Trees (Mature)		NO	108	650	70,200	9,100	7,150	-
	Picnic Tables		NO	5	3,000	15,000	-	-	-
	Seating Areas		NO	5	5,000	25,000	-	-	-
	Exercise Equipment		NO	3	20,000	60,000	20,000	-	-
	Signage - Interpretive, Park Entrance, Map & Wayfinding		NO	16	20,000	320,000	20,000	40,000	-
	Playground		NO	1	250,000	250,000	-	-	-
	Playground - Upgrade Existing		NO	1	200,000	200,000	200,000	-	-
	Maze (Improve transparency)		ITEM			30,000	-	-	-
	Rock stepper creek crossing		ITEM			100,000	-	-	-
	Relocate war memorials (In 3 No.) (Deleted - As Advised)		NOTE			-	-	-	-
	BBQ (Nil - TBC)		NOTE			-	-	-	-
	Miscellaneous elements / bins / bird hives / flag pole / furniture		ITEM			110,000	11,000	3,000	-
	Art works / Sculptures (Excluded - TBC)		NOTE			-	-	-	-
XK	External Stormwater & Drainage		ITEM			290,000	45,000	14,000	11,000
	Pump & Aerator		ITEM			50,000	-	-	-
XD	External Sewerage Drainage - Inc. Grease Trap		ITEM			145,000	23,000	7,000	6,000
XW	External Water Supply		ITEM			73,000	11,000	4,000	3,000
XG	External Gas		ITEM			73,000	11,000	4,000	3,000
XF	External Fire Protection		ITEM			145,000	23,000	7,000	6,000
XE	External Electrical Light & Power		ITEM			219,000	34,000	11,000	9,000
	Carpark lighting		ITEM			100,000	-	-	20,000
	Signalised Pedestrian Crossing Point (Deleted - As Advised)		NOTE			-	-	-	-
	Upgrade existing sport light towers - Oval		ITEM			500,000	-	-	-
	Upgrade existing light towers - Skate Park		ITEM			50,000	50,000	-	-
	Sport light towers - Netball Courts		ITEM			60,000	60,000	-	-
	Upgrade existing light towers - Lawn Bowls (Deleted - As Advised)		NOTE			-	-	-	-
	Path light		NO	59	6,000	354,000	114,000	-	-
XC	External Communications		ITEM			108,000	17,000	5,000	4,000
	Balance of Funds		ITEM			(109)	485	(331)	450

SUB-TOTAL			$	17,156,000	2,774,000	800,000	651,000
PRELIMINARIES	8.00		$	1,372,000	222,000	64,000	52,000
DESIGN VARIABLE	5.00	%	$	926,000	150,000	43,000	35,000
COST ESCALATION TO TENDER	4.00	%	$	778,000	126,000	36,000	30,000
COST ESCALATION DURING CONSTRUCTION	1.50	%	$	303,000	49,000	14,000	12,000
CONTRACT CONTINGENCY	10.00	%	$	2,054,000	332,000	96,000	78,000
PROFESSIONAL FEES	12.00	%	$	2,711,000	437,000	127,000	102,000
AUTHORITY CO-CONTRIBUTION & HEADWORKS	ITEM		$	300,000	-	-	-
ANTICIPATED PROJECT COST (EXCLUDING GST)			**$**	**25,600,000**	**4,090,000**	**1,180,000**	**960,000**

(Fixed Price Contract - June 2019)