

CONSULTATION- SURVEY RESULTS

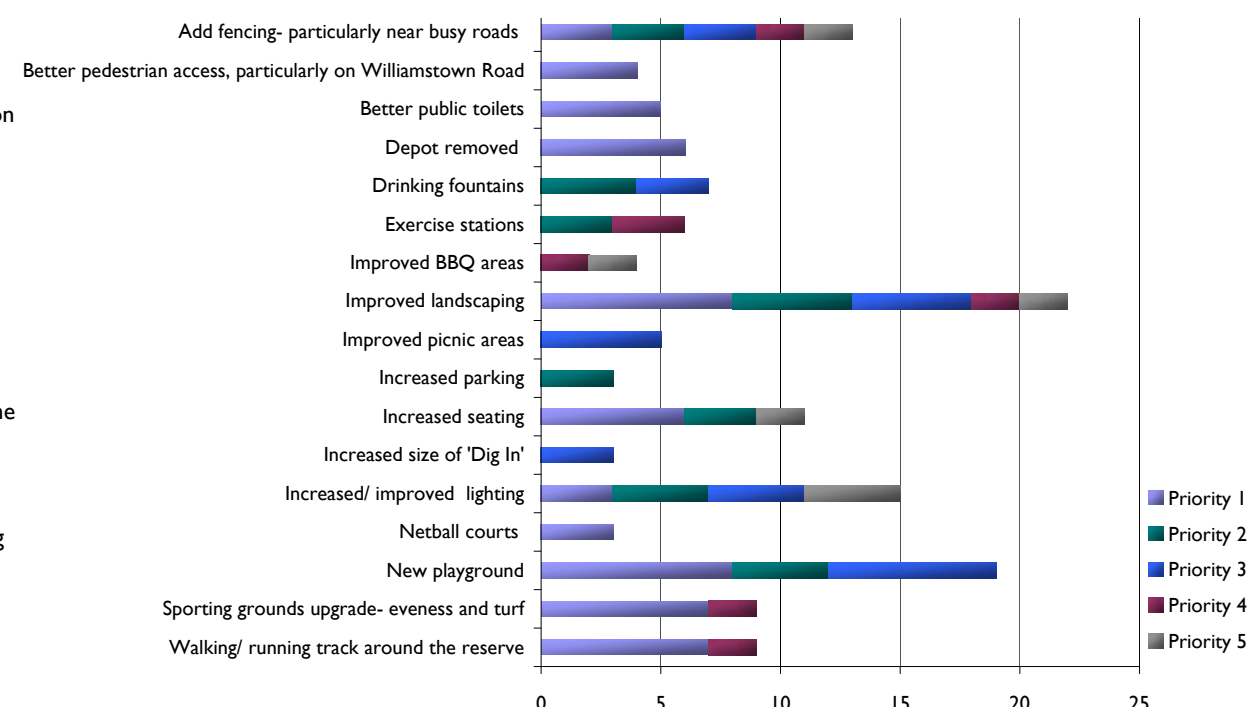
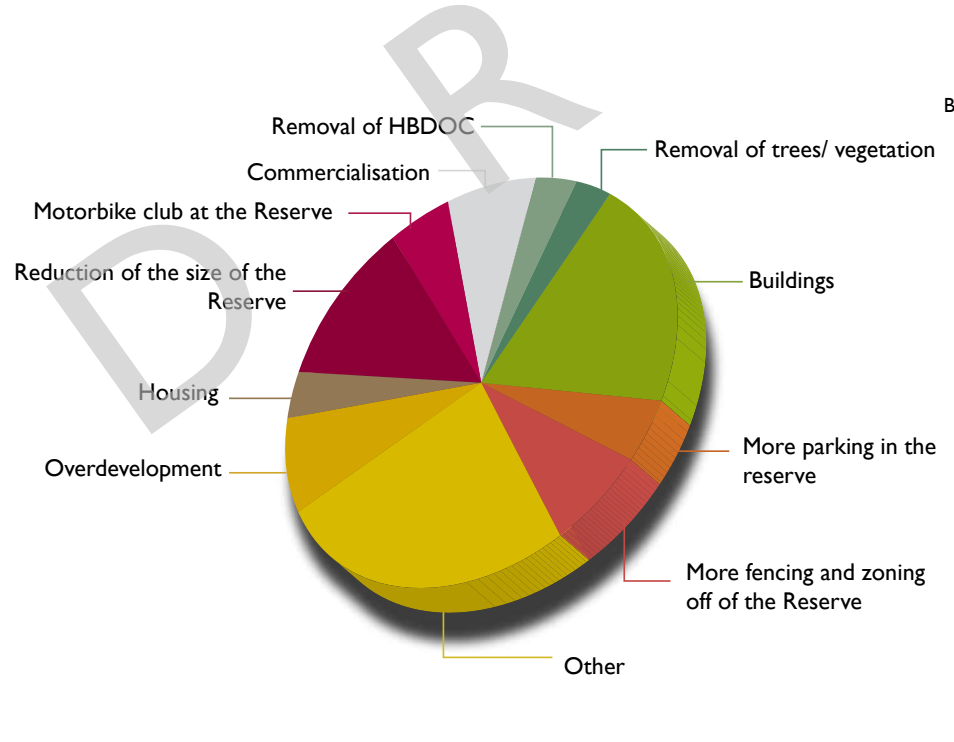
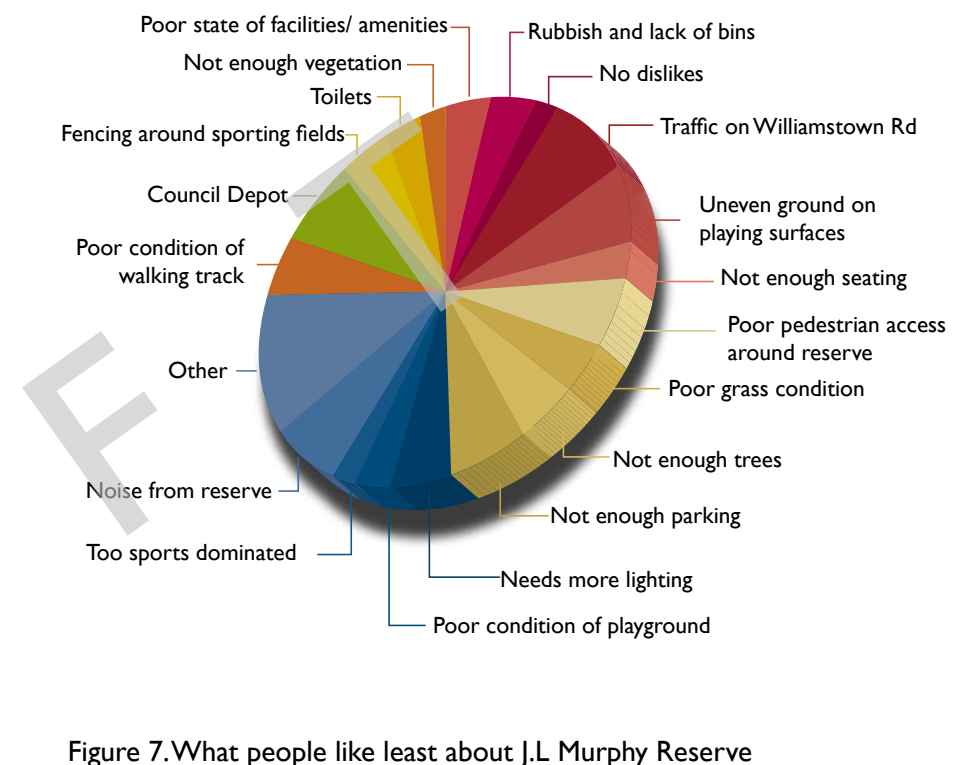
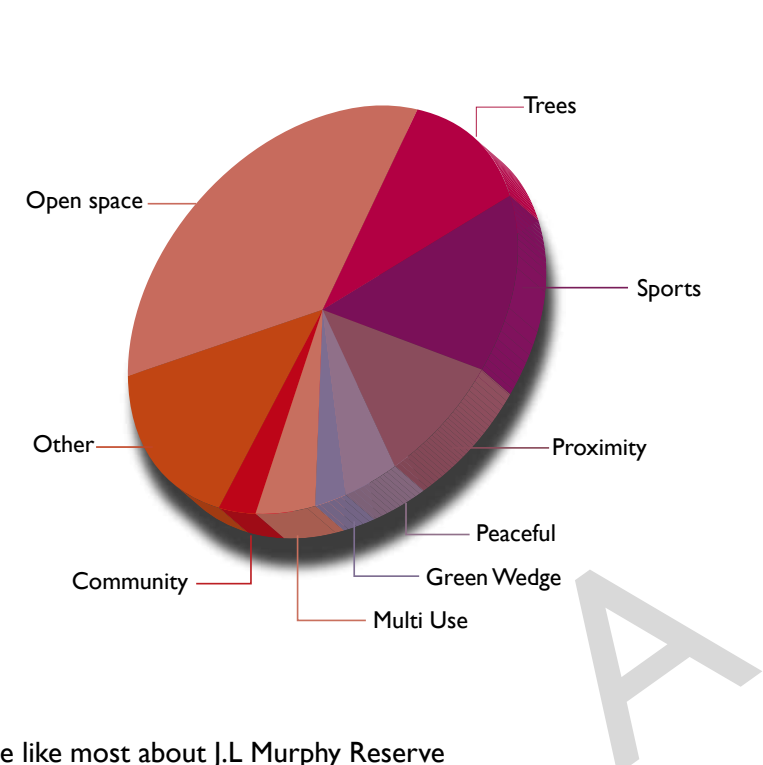


Table 3. Community priorities for development at J.L. Murphy Reserve

Other suggestions for development:

- ☐ Signage of park and users.
- ☐ Control of alcohol - restricted liquor licence and alcohol free area.
- ☐ Indoor winter pool.
- ☐ Maybe a bore for watering.
- ☐ Move power lines underground.
- ☐ Move the Port Melbourne Bowls Club here.
- ☐ Move the Port Melbourne Festival back here.
- ☐ No minimal increase of building footprint.
- ☐ Reduce adverse community effects of sporting clubs and reduce the number of clubs using it.
- ☐ Remove pavilion.
- ☐ Restrictions on footwear on turf.
- ☐ No BBQ's.
- ☐ Do not develop like the Albert Park lake area which is now too built up / urbanised and does not feel like a park anymore.
- ☐ Cafe or coffee shop near kids playground.
- ☐ This building designed so every square metre (including quiet activities) should be used 24/7 for a wide variety of activities including arts related ones, playgroup and dancing as well as sports.
- ☐ Over night caravan space for people travelling.
- ☐ Dog poo bag dispensers by rubbish bins.
- ☐ More community activities.
- ☐ Undercover area to view games.
- ☐ Rainwater from factory roofs like at Westgate park.
- ☐ No more lights.
- ☐ Boon Warrung Festival involvement permanently.
- ☐ Basketball courts.
- ☐ Shade for spectators.
- ☐ No motorbike clubs, the area is already far to noisy.
- ☐ 1/2 court tennis hit-up wall.
- ☐ Skate ramp.

CONSULTATION- MAPPING EXERCISE

Community consultation/ mapping exercise

Community members and the reference group participated in a mapping exercise to identify what they would like Murphy Reserve to look like in the future. Large aerial maps of J.L Murphy Reserve were provided and participants were asked to draw or write directly on these maps, indicating issues and opportunities they found relevant to the site.

In addition to the participants own comments, symbols representing common amenities such as bike racks, playgrounds, water stations etc. were given out to the participants to paste on the map where they thought the reserve needed such amenities.

The information collected on the maps was transferred into digital format and were analysed to identify recurring themes. These themes are shown on the adjoining graph, Table 4 and it also indicates how often the theme was mentioned. Fifteen themes were identified during the analysis of participant responses entered on the maps.

Where the theme was listed at least 40% across the maps, the theme was considered significant and was included in a summary map. See Figure 6. The maps on pages 20-21 Figures 7-10 are examples of the maps developed by the community.

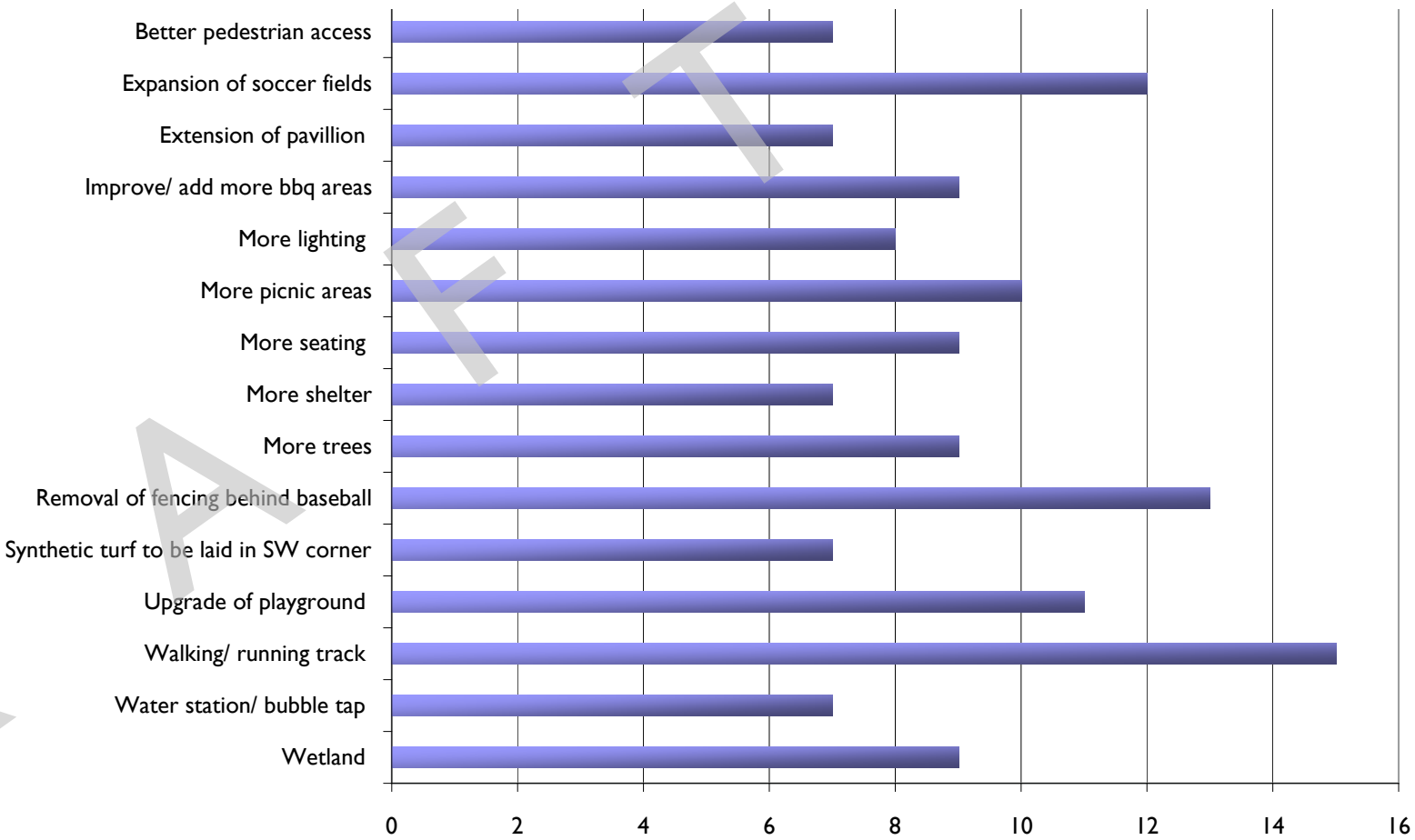


Table 4: Results from Community Consultation & Mapping exercise- from 17 maps



Community Reference Group members participating in the mapping exercise

CONSULTATION- MAPPING EXERCISE



Figure 9. Synopsis map showing the location of most requested items from mapping exercise

G:\CIS\P&O Spaces\OPEN
SPACE Planning\04 - 2009-2010
Projects\Murphy Reserve\13 -
Draft Master Plan\Comm con-
sult\mappingsynopsis.jpg

Legend:

-  Lighting
-  Picnic
-  Water Fountain
-  Building Addition/
Extension
-  Wetland
-  Synthetic Turf
-  Pathway
-  Deciduous Tree
-  Pedestrian Crossing
-  Removal of fence
-  Playground

Most Requested Items:

- ☐ Pathway/ Running track around the Reserve.
- ☐ Removal of fencing behind baseball outfield.
- ☐ Expansion of soccer playing area with the addition of one or two junior fields.
- ☐ Upgrade of the playground to a new, larger one.
- ☐ More picnic areas.
- ☐ More trees.
- ☐ Inclusion of a wetland.
- ☐ More seating.
- ☐ Include/ add more bbq areas.
- ☐ More lighting.
- ☐ More shelter.
- ☐ Extension of the pavilion particularly with more storage.
- ☐ Water station/ bubble tap/ dog bowl.
- ☐ Synthetic turf in the S.W corner of the site.
- ☐ Improved pedestrian access around the reserve, particularly on Williamstown Road.

CONSULTATION- MAPPING EXERCISE



Figure 10. Design more nature focused with bush garden beds throughout the park. A space which allows people to recharge and enjoy the scenery



Figure 11. A more sports focused park with a glass fronted pavillion to watch games and the inclusion of more picnic and BBQ areas

- LEGEND**
- SEATING
 - BBQ
 - LIGHTING
 - PICNIC AREA
 - WATER FOUNTAIN WITH DOG BOWL
 - CYCLE PARKING
 - BUILDING ADDITION/RENOVATION
 - SHELTER STRUCTURE (VARIOUS SIZES)
 - WETLAND
 - TURF- SYNTHETIC
 - TURF- NATURAL
 - PATH
 - CYCLE PATH
 - TREES- EVERGREEN
 - TREES- DECIDUOUS
 - ORNAMENTAL GARDEN BED
 - FOOTBRIDGE
 - PEDESTRIAN CROSSING
 - EXERCISE EQUIPMENT
 - REMOVAL
 - ENTRY POINT
 - PLAYGROUND/ PLAY EQUIPMENT
 - BODY OF WATER

CONSULTATION- MAPPING EXERCISE



Figure 12. A reserve that feels more like a park then a sporting arena. Add more trees to the site and highlight feature trees. Extend the pavillion away from the residential area



Figure 13. Create a sports precinct with better pedestrian access to the park and better amenities for users of the park.

LEGEND

- SEATING
- BBQ
- LIGHTING
- PICNIC AREA
- WATER FOUNTAIN WITH DOG BOWL
- CYCLE PARKING
- BUILDING ADDITION/RENOVATION
- SHELTER STRUCTURE (VARIOUS SIZES)
- WETLAND
- TURF- SYNTHETIC
- TURF- NATURAL
- PATH
- CYCLE PATH
- TREES- EVERGREEN
- TREES- DECIDUOUS
- ORNAMENTAL GARDEN BED
- FOOTBRIDGE
- PEDESTRIAN CROSSING
- EXERCISE EQUIPMENT
- REMOVAL
- ENTRY POINT
- PLAYGROUND/ PLAY EQUIPMENT
- BODY OF WATER

SITE ANALYSIS

A site analysis of Murphy Reserve was undertaken to identify the issues, opportunities and constraints for future development. The results of the site analysis guided the development of recommendations for works to be undertaken over the next 20 years.

The following key site elements were investigated in order to identify the opportunities and constraints within Murphy Reserve.

Site elements:

1. Water
2. Parking/ Traffic
3. Trees
4. Entry Points
5. Path networks
7. Lighting
8. Reserve Infrastructure
9. Sporting Infrastructure

Council investigated these issues based on numerous visits to the site, a study of historical documents relating to titles, deeds, zonings, a study of previous master plans, census data and through current aerial photographs.

Throughout the investigation, council also considered the input from the community and feedback of the community reference group.

Audits of existing and historical conditions have been taken into account and issues and opportunities of specific site elements have been investigated to create a list of recommendations for the master plan. The proposal aims to link the outcomes from the survey and community consultation process as well as input from the reference group with the findings from the analysis.

The City of Port Phillip aims for a viable proposal which best links the desires of the user groups within the reserve and the wider community but is conscious of the limitations within the site and works within these boundaries.



Images from J.L. Murphy Reserve

SITE ANALYSIS MAP

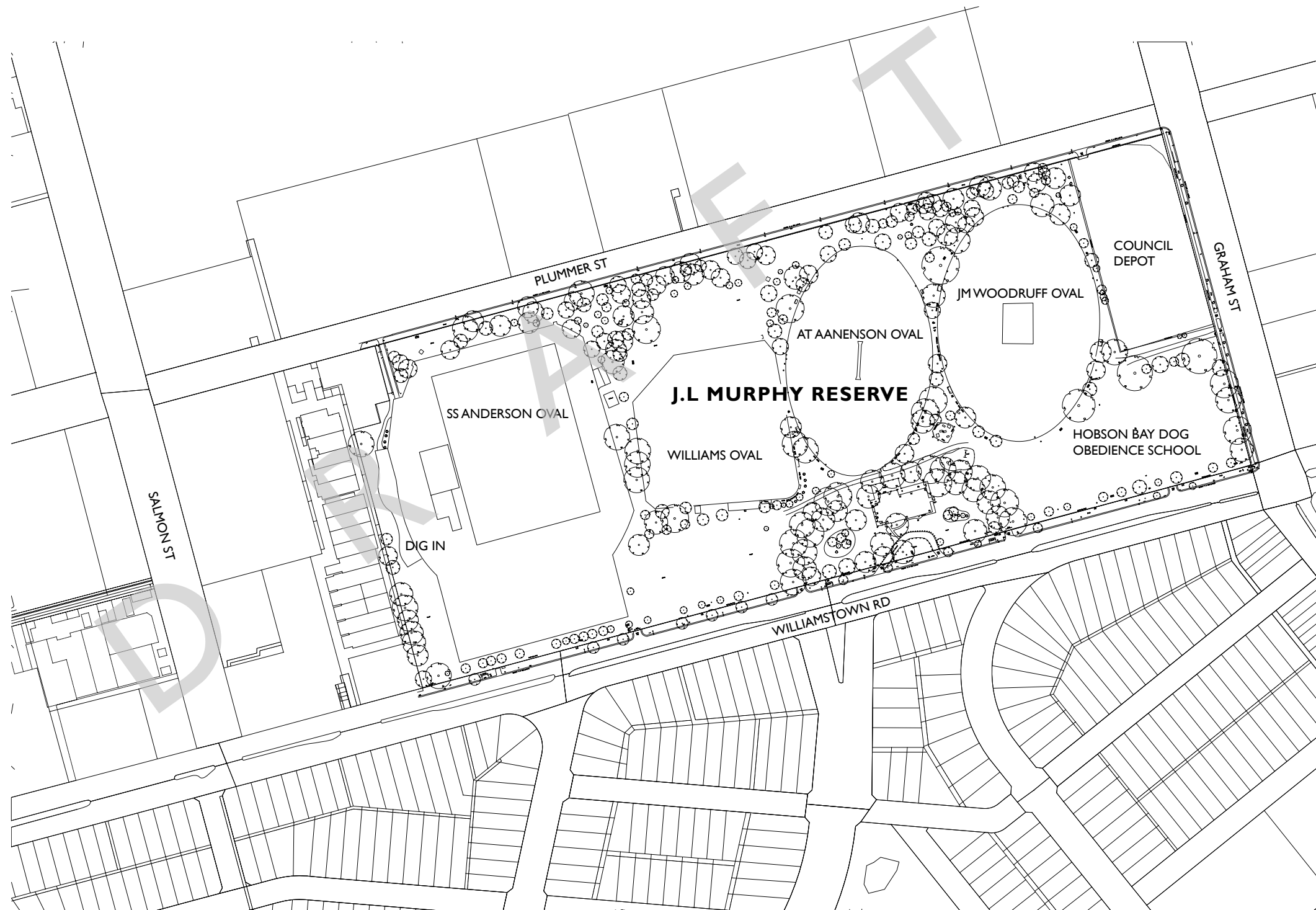


Figure 14. J.L. Murphy Reserve Context Map for Site Analysis Investigations

WATER

DESCRIPTION

Parks and open spaces consumes 62% of the water supply in the City of Port Phillip. Murphy Reserve uses almost 20% of this. Drought conditions and subsequent water restrictions have had a significant impact on council's capacity to maintain the condition of sports ovals, trees and grassed open spaces in Murphy Reserve. The current volumes of potable water available for open space irrigation are not adequate to ensure the long term sustainability of Murphy Reserve and addressing the shortfall is a high priority.

Sports ovals

Irrigation is needed to maintain the playing surfaces of the sports ovals through summer. Annual estimated demand is 27,900 kL/year. Not all sports ovals have been receiving irrigation in the past few years due to water restrictions.

Ovals that receive irrigation under water restrictions are: Anderson Oval, Woodruff Oval, Williams Oval (reduced quantity) and the main soccer pitch. Ovals that do not receive irrigation under water restrictions are: Aanenson Oval and the practice soccer pitch. The ovals that have not received irrigation are now in poor condition and have severely reduced playing capacity.

Open space

The grassed passive recreational areas of the reserve are in relatively poor condition due to limited rainfall in recent years and the absence of irrigation. Many trees are in poor health and are in decline. This is a combination of the effects of the extended drought and the age of the trees.

Bore water

A four metre bore is located within the reserve. The bore was recently tested and found to be dry, which means the level of the aquifer has dropped since the bore was put in. Recent testing of other bores at similar depths in the area indicates the aquifer is too saline to be used for irrigation of sports fields without a negative impact on the fields in the long term. High salinity levels and lack of knowledge of sustainable yields for the aquifer mean that it is currently not viable to use bore water in Murphy Reserve to supplement irrigation.

HISTORY

Council has carried out the previous works to improve water management on the reserve:

- Installation of subsurface drip irrigation system into G.S. Williams oval with recycled water sourced from council tanks.
- Over-seeding of Anderson oval with Couch Grass.
- Installation of tanks for water storage at council depot on Graham Street with capacity of 410 kL.
- Water recycling plant operated by Barry Brothers (estimates indicate up to 4,000 ML/year is available).
- Installation of rainwater tank for toilet flushing.

In 2009 AECOM Australia Pty Ltd undertook a detailed water management assessment of Murphy Reserve to investigate alternative water sources for irrigation of the sports fields and make recommendations for future development. The results of this study have informed the master plan development. For more information, refer to the report published in 2010 by AECOM titled 'J.L. Murphy Reserve Integrated Water Management Assessment'. The report is available at www.portphillip.vic.gov.au.

ISSUES

The following concerns were identified through a detailed water management investigation and community consultation:

- Trees and other vegetation are currently under water stress leading to decreased tree health and playing surface quality.
- Playing and training time on sports fields is restricted due to water restrictions.
- An alternative to potable water is required to ensure playing fields and other grassed areas are able to accommodate current and future demand.
- Indoor and outdoor water usage must be considered, including increased use of the pavilion in summer.
- Due to lack of water, Murphy Reserve is not an attractive green space. Maintaining community access to green spaces is important for community health and well being.

OPPORTUNITIES

The following opportunities for addressing water issues were identified through a detailed water management investigation and community consultation:

- Storm water harvesting from the Plummer Street storm water drain for irrigation use in Murphy Reserve.
- Use harvested storm water to create a wetland onsite to improve reserve amenity and use natural processes to clean storm water for irrigation.
- Implement improved turf management practices in conjunction with alternative water sources.
- Improvements to the irrigation system to make it more water efficient.
- Maximise rain water capture and storage from all roofs and other infrastructure in Murphy Reserve, for use in pavilions and for toilet flushing.

CONDITION OF GRASS ON SPORTS OVALS IN MURPHY RESERVE



Woodruff Oval



Aanenson Oval



Williams Oval



Future wetland development area

WATER



Figure 15. Drainage and water issues

Key Issues & Opportunities

- 1. Pavillion-** Maximise capture and storage of rainwater from roofs and infrastructure and use on site in the facilities for toilet flushing
- 2. Plummer St. main drain-** City of Port Phillip manages this drain. Good opportunity to use for storm water harvesting. Need to construct a diversion weir for collection.
- 3. Bore-** To be decommissioned. Levels are below 4m and not feasible for use.
- 4. Storm water Harvesting Plant-** Current plant is not working efficiently. A lot of water is being poured straight back into the drain as it is not meeting the right standards to be used on site.
- 5. Wetland-** potential site to introduce a wetland system for processing storm water to irrigation standard.
- 6. Ovals-** Management system needs to be in place to ensure optimum water efficiency. Need to ensure warm season grasses are maintained on all open space areas.
- 7. Trees and other vegetation-** Under stress due to water restrictions.

RECOMMENDATIONS

- Implement the storm water harvesting scheme recommended by AECOM (2010) from the Plummer Street storm water drain for irrigation use and general greening of Murphy Reserve.
- Design and construct a wetland system for processing storm water harvested from the Plummer Street drain.
- Investigate opportunities for increasing rain water capture from existing infrastructure for use on site.
- Investigate opportunities to improve turf management practices to optimise water efficiency and durability.
- Review current irrigation systems and where needed, opportunistically expand the irrigation system to all sporting surfaces and upgrade existing irrigation to Best Practice Standard and ensure they are maintained to a minimum overall efficiency of at least 75%.
- Construct a bridge across the wetland to facilitate entry to the reserve from the corner of Graham Street and Williamstown Road.
- Decommission the 4 metre bore located in Murphy Reserve.

WETLANDS

WHAT IS A WETLAND AND HOW DOES IT WORK?

- A wetland is natural ecosystem that is permanently or temporarily covered by water.
- Wetlands remove the two main types of pollution from storm water: suspended solids and high nutrient loads.
- The wetland slows the flow of water allowing suspended solids to drop out of the water.
- Water then flows through the ecosystem and plants, animals, insects and micro-organisms filter and digest high nutrient loads in storm water.
- The cleaned water can then be stored, returned to the waterways or used for irrigation of open space.

WHAT WILL A WETLAND DO FOR MURPHY RESERVE?

A wetland in Murphy Reserve will provide a range of important functions. These include:

- Provision of up to 70% of irrigation water required to maintain sports ovals in optimum condition, reducing the reliance on potable water in the long term.
- Processing of storm water for irrigation of the ovals.
- More opportunity for developing and maintaining green spaces within the reserve using the wetland as a water source.
- Provision of attractively landscaped spaces near open water to sit, have picnics, walk the dog, have bbq's, etc.
- Open water provides a cooling effect to the local environment, which will be increasingly important as temperatures rise over time.
- The wetland will act as a gateway to the site and enhance the overall appearance and amenity of the park, attracting more passive users.

CASE STUDY OF A SUCCESSFUL WETLAND

Lynbrook Estate is a greenfield residential development approximately 35 kms south east of Melbourne in the city's major growth corridor. The estate is an 800 lot development, of 55 Ha, that incorporates Water Sensitive urban Design (WSUD) principles adopted at the streetscape and sub-catchment scale. The Urban and Regional Land Corporation (URLC) is the estate developer and has been an enthusiastic party in the design and implementation of this project.

Several early stages of the Estate were designed with a conventional storm water system. Lynbrook was subsequently chosen by the URLC for a WSUD trial after an approach by Melbourne Water to set up a demonstration project. Three stages of the development were initially approved by City of Casey as part of the demonstration project.

Lynbrook Estate was the first residential development in Melbourne to fully integrate some principles of WSUD.

The Cooperative Research Centres for Catchment Hydrology (CH) carried out a 3 year monitoring program to compare the performance between the water sensitive and the conventional drainage systems at Lynbrook. The study looked at the quantity and quality of runoff, as well as costs of construction, ongoing issues of maintenance and community acceptance of WSUD.

Lynbrook won the UDIA Presidents Award for its WSUD innovation. The Urban Land Corporation (ULC), Melbourne Water Corporation (MWC) and CRC CH received the National CRC Technology Transfer Award.

Aim

The design of the drainage system aims to attenuate and treat storm water flows for the protection of the receiving waters.

The URLC is in the process of implementing WSUD principles for all remaining development stages of Lynbrook and is reviewing the design of storm water systems in all its estates with a view to adopting WSUD as standard practice.

Website:

http://www.melbournewater.com.au/content/rivers_and_creeks/the_rivers_and_creeks_system/our_stormwater_quality_wetlands/case_study_-_lynbrook_estate.asp

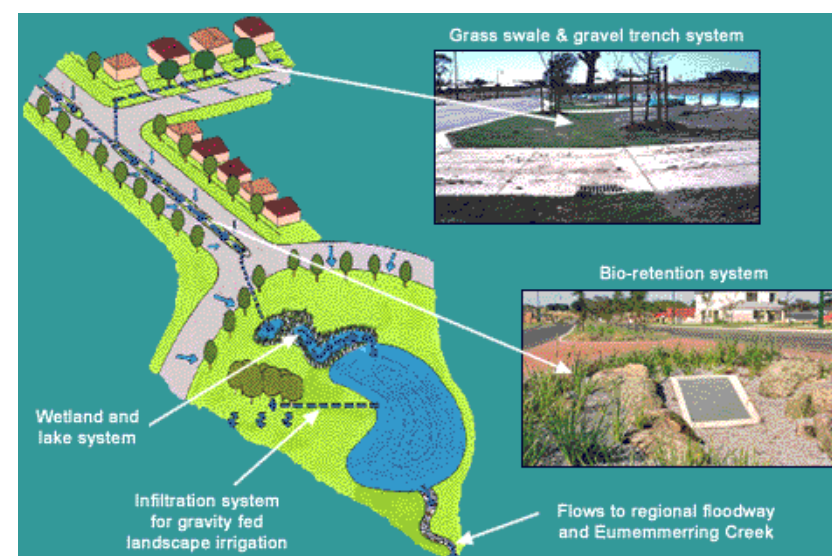


Figure 16. The wetland system at Lynbrook Estate



Figure 17a.



Figure 17a & 17b. The bioretention system

WETLANDS

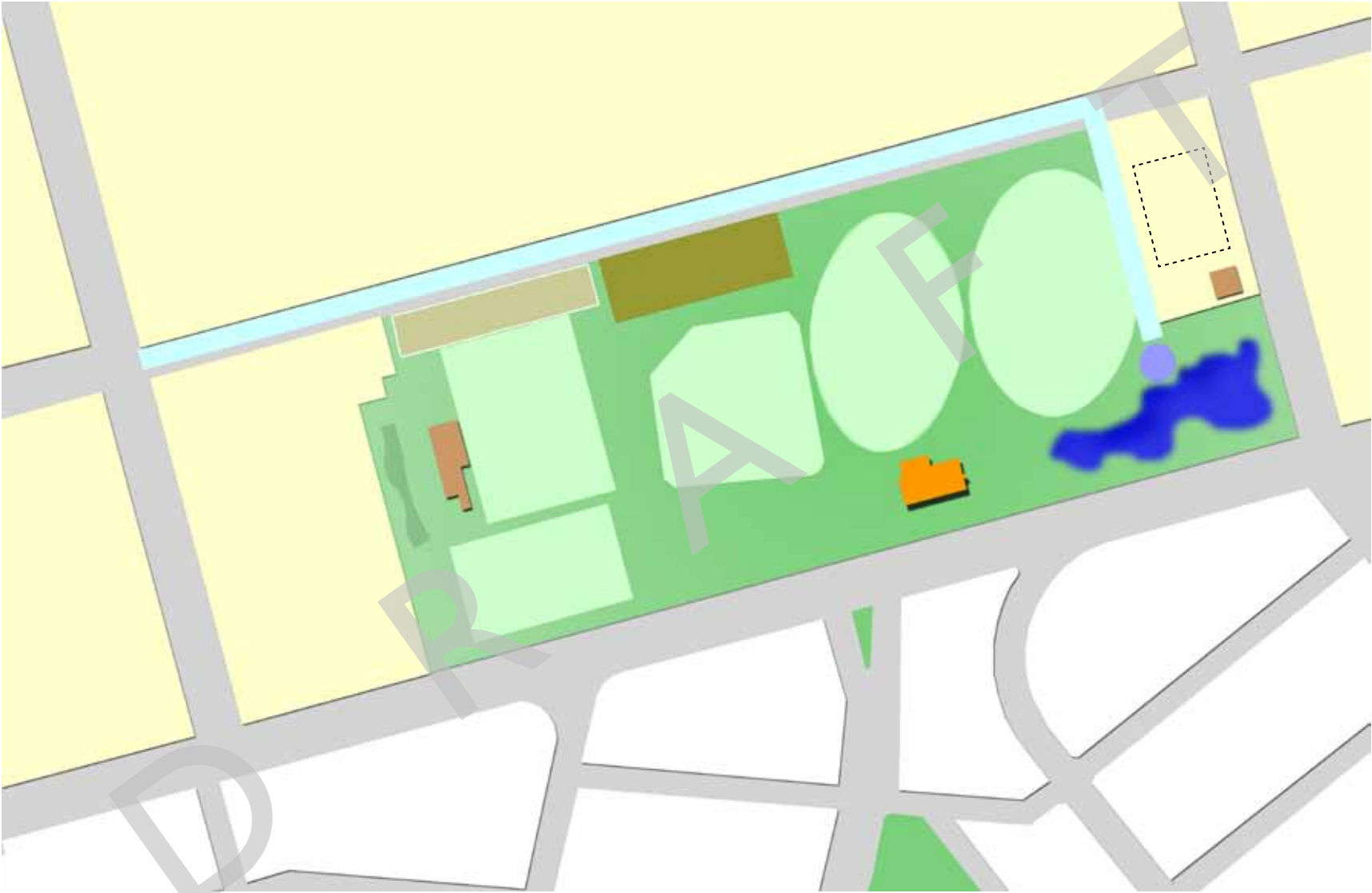


Figure 18. Proposed wetland system for Murphy Reserve

Legend

- Diversion Weir at Plummer St. Drain
- 250L/s Pump
- Relief Swale
- Underground Storage Tanks
- Inlet Pond
- Wetland



Royal Park



Birrarung Marr



Docklands



Edwards Lake Wetlands

PARKING/ TRAFFIC

DESCRIPTION

Murphy Reserve is bordered by busy secondary arterial roads on three sides - Williamstown Road along the South boundary, Graham Street along the east boundary and Plummer Street on the Northern boundary. Plummer Street and Graham Street form an arterial bypass for traffic travelling to the West Gate Bridge from the city or from the West Gate Bridge to the city, to relieve traffic congestion on Williamstown Road.

Parking

A parking audit in April of 2010, identified 462 unrestricted parking spaces within 500 metres of Murphy Reserve. More parking spaces are available further away from the reserve and in the residential area opposite Murphy Reserve, which were excluded from the assessment. Refer to Figure 1 on the next page for current parking locations around Murphy Reserve.

Traffic

A traffic survey undertaken on Williamstown Road in 2009, found that in a 24 hour period on a week-day 17,400 vehicles used Williamstown Road and 8,960 vehicles on a weekend (a 51% reduction from week day use). The survey also found that the average speed over a 24 hour period was 59 km/ph, slightly below the maximum posted speed limit of 60 km/ph.

Pedestrian crossing infrastructure

There is one pedestrian light in proximity to Murphy Reserve, on the corner of Williamstown Road and Graham Street. There is also a central median strip along Williamstown Road designed to assist pedestrians crossing.

HISTORY

Plummer Street and Graham Street were re classified from local roads to secondary arterial roads in 2008 to divert heavy through traffic from Williamstown Road. The upgrade of these roads from local to arterial resulted in a loss of parking spaces along Plummer Street and Graham Street.

ISSUES

The following concerns were identified through the site analysis and community consultation:

- The bulk of available parking is considered by sporting groups to be located too far away from the pavilion to be useful for sporting events.
- A lack of knowledge of the location of available parking around the reserve results in high demand for parking in the residential zone on game days.
- Local residents opposite Murphy Reserve have experienced illegal parking across drive ways and on nature strips on game days.
- There is poor accessibility to the pavilion and other facilities for people with mobility challenges.
- Many pedestrians feel unsafe crossing Williamstown Road without lights and most feel the lights on Williamstown Road are too far out of the way to use.
- Williamstown Road does not currently fulfil Vic Roads criteria for receiving new pedestrian lights. Zebra crossings are not considered a viable option on arterial roads for safety reasons.
- The drop off area at the front of the pavilion often becomes blocked due to people using it inappropriately.
- Ambulance parking is not adequate.

OPPORTUNITIES

The following opportunities for addressing parking issues were identified through the site analysis and community consultation:

- Provide parking location information to users of Murphy Reserve.
- Enhance the 'pull in and drop off' area near the existing pavilion.
- Provide more bicycle parking infrastructure and encourage park users to ride to the reserve.
- Encourage park users to walk, carpool, cycle or use public transport to get to the reserve.
- Investigate opportunities for additional parking signage in surrounding residential areas advising of restrictions and no parking on nature strips.
- Investigate opportunities to negotiate use of vacant parking sites on adjacent industrial/commercial centres on game days.
- Investigate options for reducing traffic flow on Williamstown Road to enable the installation of angle parking on Williamstown Road between Salmon Street and Graham Street (approximately 20-25 spaces). Traffic volumes need to be below 14,000 vehicles in a 24 hour period before VIC Roads can consider this option. Current traffic volumes are well above this figure.



Traffic along Williamstown Rd.- poor buffer to road from Reserve



Median strip along Williamstown Rd. to assist pedestrians



Parking and traffic along Graham St.



Plummer St. - No parking, used frequently by trucks

PARKING/ TRAFFIC



Figure 19. Parking availability around Murphy Reserve and pedestrian opportunities

KEY ISSUES & OPPORTUNITIES

- 1. Location of pavillion-** too far from much of available parking.
- 2. Sport function of reserve-** high parking requirements on game days, not on others.
- 3. Residential parking-** litter and debris left over on game day.

- 4. Pedestrian Issues-** median strips & pedestrian crossing. Insufficient traffic lights and pedestrians feel unsafe crossing Williamstown Road.
- 5. Bicycles-** provide more bicycle infrastructure to encourage use.
- 6. Drop off area-** congested on game day, not large enough, can be enhanced.

- 7. Plummer St.-** Enhance the frontage and make it seem more like another entrance to the site.
- 8. Industry-** Investigate use of area for parking on game days and weekends.

RECOMMENDATIONS

- Work with active user groups to develop strategies, including signage and pamphlets, for communicating available parking locations to visiting sporting participants and supporters to facilitate full usage of all available parking.
- Work with active user groups to encourage, where practical, members to car pool, cycle or walk to the reserve to reduce parking pressure on game days.
- Reassess the option to provide angled parking along Williamstown Road in proximity to Murphy Reserve when traffic flow reduces to below 14,000 vehicles in a 24 hour period.
- Install more bike racks and enhance bike and pedestrian access points and paths to and within the reserve.
- Redesign the existing pull in and drop off area in front of the main pavilion on Williamstown Road to provide car parking spaces.
- Provide support to clubs to investigate opportunities to negotiate use of vacant parking sites on adjacent industrial/commercial centres on game days.
- Continue the Good Neighbour meetings between active user groups and residents to proactively address issues as they arise.
- Advocate with VIC Roads to install pedestrian crossing infrastructure on Williamstown Road.

Parking available around Murphy Reserve

Williamstown Rd	118 spaces
Salmon St	42 spaces
Plummer St	64 spaces
Graham St	26 spaces

TREES

DESCRIPTION

Dense plantings of Grey Poplar, Lombardy Black Poplar and Radiata Pine along Plummer Street and near the pavilion give Murphy Reserve a unique woodland feel in the middle of a highly urbanised inner city area. Mature Spotted Gums occur near the ovals and there is a line of Ash trees along the Williamstown Road frontage. There are also two large open spaces on either side of the main pavilion along Williamstown Road that do not contain any trees.

Many of the existing trees were planted in the early 1950's and are quite large, mature specimens, providing great shade, shelter and visual amenity value to the reserve. A recent tree survey counted 374 trees within the reserve.

Tree health

The tree survey found that a significant proportion of the mature trees within the reserve are in poor health and are reaching the end of their useful life expectancy, having been planted in the early 1950's. Within the next five years approximately 53 (14%) of the 374 trees in the reserve are likely to fail.

Canopy cover

In the past, Murphy Reserve has been known for its extensive tree canopy cover. In recent years, there have been a number of large trees that have died and have not been replaced. Figure 17 and Figure 18 show an aerial view of Murphy Reserve in 2000 and 2008. A significant difference in canopy cover can be seen between the two photos, indicating that quite a number of large trees have died since 2006.

HISTORY

Most of the trees in Murphy Reserve were planted as part of the original development of the reserve in early 1959. Figure 4. shows the original master plan for Murphy Reserve. The main elements of the original plan can be seen in present day photos of the reserve.

ISSUES

The following issues were identified through site analysis and community consultation:

- Many trees have died in recent years and approximately 14% of remaining trees are predicted to die over the next five years.
- Loss of mature tree canopy has reduced available shade and shelter for reserve users and has affected the visual amenity of the reserve making it less attractive to passive users.
- Loss of border tree planting around the perimeter of the reserve has exposed reserve users to road noise and has resulted in a loss of visual amenity for reserve users, local residents and commuters.

OPPORTUNITIES

The following opportunities were identified through site analysis and community consultation:

- Plant trees using species that are adapted to changing climate conditions and are complementary to the existing trees to replace dead trees.
- Strategically remove and replace mature trees in poor health to reduce the risk of large numbers of trees dying at the same time to ensure good tree canopy cover is maintained over time.
- Noise from the main pavilion currently carries across to local residents on the opposite side of Williamstown Road. Trees could act as a natural buffer between the pavilion and residents on Williamstown Road.
- Identify strategic locations for tree planting to provide natural shade, shelter and cooling of the air for passive and active users of the park.
- Plant feature trees to increase the visual amenity of the reserve and make it more attractive to users.

Some examples of planting at Murphy Reserve:



Significant planting at entry



Feature planting in poor condition



Tree lined paths



Street trees have been pollarded



Different pockets of planting change the quality of spaces and create different areas of use



A variety of plants on site give Murphy Reserve a woodland quality in an otherwise urban setting



Figure 20. Canopy cover in 2000



Figure 21. Canopy cover in 2008

TREES

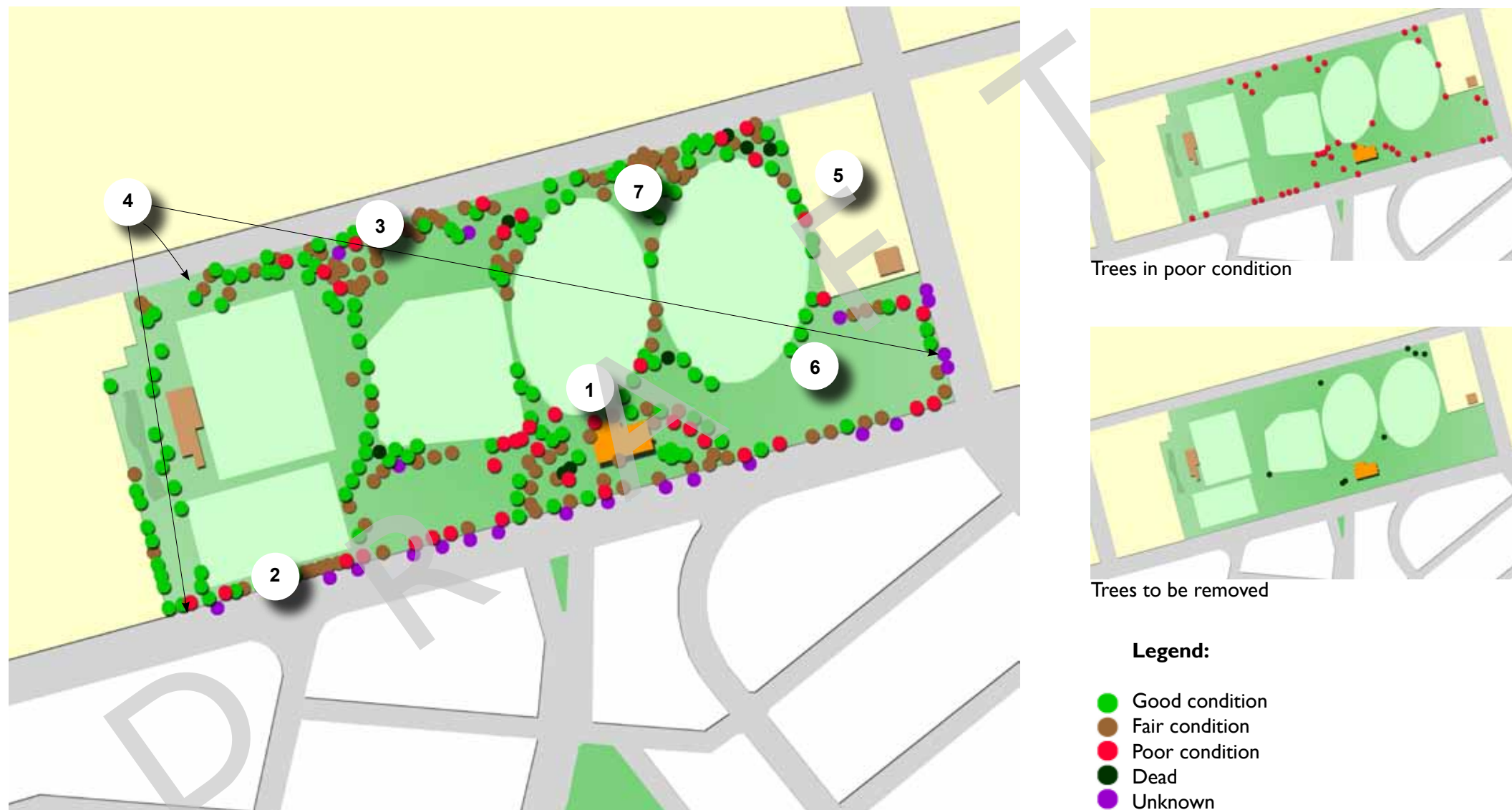


Figure 22. Tree condition assessment

Key Issues & Opportunities

1. **Main Entry-** Reinstall the entry with healthy, signature trees. Ensure trees are maintained and replaced strategically.
2. **Williamstown Rd-** Replace trees in poor condition
3. **Plummer St-** Replace trees in poor condition.

4. **Boundary-** Use trees and planting on boundaries of the reserve as a safety and noise buffer
5. **Depot-** Use more planting to screen the depot on site
6. **Reserve-** Increase planting in the Reserve to increase shade and shelter opportunities.

7. **Feature trees-** Add feature trees to enhance the visual amenity.

RECOMMENDATIONS

- Develop a tree management and maintenance plan to guide the strategic removal and replacement of mature trees in poor health to ensure good tree canopy cover is maintained over time.
- Undertake a tree planting program to replace dead trees, undertake a staged removal and replacement of mature trees in poor health according to the tree management plan, and increase the total number of trees within the reserve, using replacement tree species that are adapted to changing climate conditions and provide the maximum canopy cover for the reserve.
- Identify opportunities to use trees and shrubs as a natural safety and noise buffer from traffic on adjacent busy roads and as a noise buffer for local residents from activities undertaken in the reserve.
- Identify and plant trees in strategic locations to maximise provision of natural shade, shelter and cooling of the air for passive and active users of the park.
- Select and strategically plant feature trees to increase the visual amenity of the reserve and make it more attractive to users.

ENTRY POINTS/ PATH NETWORKS/ LIGHTING

DESCRIPTION

Main Entry Points

There are three main entry points for Murphy Reserve, one on Williamstown Road and one on Plummer Street.

The entry point on Williamstown Road is located at the front of the main pavilion. The entrance consists of a curved single lane drive through that can be used as a drop off point for users of the pavilion and their equipment. The area surrounding the drop off zone and the front of the main pavilion is quite run down and unattractive. The main pavilion is used predominantly by the football, baseball and cricket user groups as well as community groups and passive users of the park for toilet facilities. There is currently no signage that tells visitors the name of the reserve or the purpose of the pavilion.

The entry point on Plummer Street and provides access to the soccer pitch, soccer pavilion and car park. The soccer club currently has exclusive access to these facilities. This entry point does have signage but is also in poor condition.

The entry point on Williamstown Rd. and Graham St. is a key access point for pedestrian crossing at the lights. It is also a highly visible part of the Reserve with thousands of vehicles passing by the corner every day.

Pedestrian access

Pedestrians and bike riders can enter at multiple points along the reserve boundary as there is a low single rail fence around most of the reserve that has periodic breaks to allow pedestrian access.

Vehicular access

There are five vehicular entry points located at various points around the reserve. These vehicular entry points are restricted to use by ambulances and other emergency vehicles and council maintenance teams as required.

Paths

There is granitic sand shared pedestrian and bike path on Plummer Street along length of the reserve. Another granitic sand shared path connects Plummer Street to Williamstown Road, passing between Woodruff Oval and Aanenson Oval.

An informal track passes along the front of the pavilion to the edge of the baseball field. This track has developed over time through vehicle traffic and tends to flood and become boggy in wet weather. Another informal track is located along the side of the depot on Graham Street.

HISTORY

The 1948 sketch of Murphy Reserve shows multiple entry points and paths. This original vision was never realised although some key features of the original plan can still be seen in the layout of the reserve today.

The drop off area on Williamstown Road was constructed in the 1990's as part of the pavilion extension. The granitic sand paths along Plummer Street and through the reserve to Williamstown Road were constructed in 2008.

ISSUES

The following issues were identified through site analysis and community consultation:

- ❑ No defined pedestrian access points to the reserve that would attract people in.
- ❑ No path around the park for joggers, walkers or bike riders – no focal point for users.
- ❑ The perimeter fence looks unattractive and acts as a barrier to people accessing the park.
- ❑ The current path through the park ends at the fence line and doesn't carry through to anywhere.
- ❑ Park maintenance trucks have created tracks through the park over time by driving across the grass to access bins, barbecues etc.

OPPORTUNITIES

The following opportunities were identified through site analysis and community consultation:

- ❑ Link different areas of the reserve with paths and to defined entry points
- ❑ Create scenic reserve entrances at key points that make the reserve more inviting to casual reserve users, pedestrians and bike riders
- ❑ Provide a wide pedestrian/bike path around the reserve.
- ❑ Link up the current paths so they are more useful to through traffic as well as users of the reserve.



Main entrance to Pavilion and drop off zone



No distinguished pathway on Williamstown Rd. Unattractive perimeter fence with no defined entry



Existing pathway needs to link to more of the site



Park damaged by maintenance vehicles due to having no set vehicular pathway

ENTRY POINTS/ PATH NETWORKS/ LIGHTING

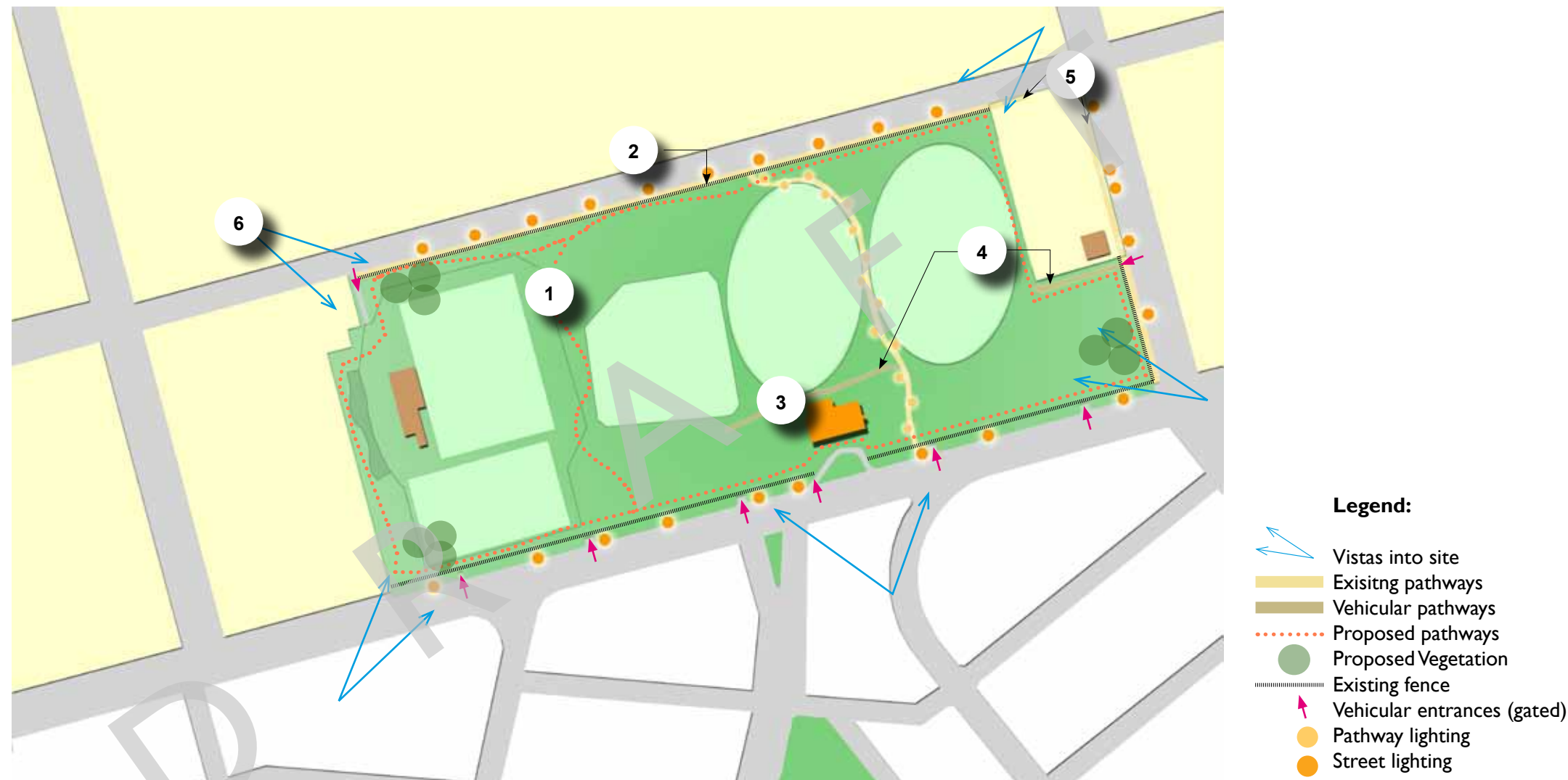


Figure 23. Entry, pathway, vista and lighting issues

Key Issues & Opportunities

- 1. Pathway-** Construct a wide pathway around the site for multiple use and to create a more cohesive connection within the reserve.
- 2. Boundary & Entry Points-** Review perimeter fencing. Pedestrians enter through breaks in the fencing. It works as a visual boundary and vehicle deterrent but doesn't provide safety for small children or pets.
- 3. Main Entry-** Review main entrance of Reserve around Pavillion. There is opportunity to add signage.
- 4. Vehicular Damage-** Service vehicles have damaged lawn by driving onto site and creating their own paths. Providing a designated pathway would help with this.
- 5. Current Pathways-** Pathways around the site end suddenly and do not connect to each other. There is no consistent use of materials either
- 6. Vistas-** Need to review vistas into the site and enhance park features at these key points, potentially with feature planting

RECOMMENDATIONS

- Construct a running/walking/bike circuit around the perimeter of the reserve, wide enough and constructed with material that will enable maintenance trucks to use it to access bins, toilets and barbeques for cleaning and maintenance.
- Connect existing through paths within the reserve to the circuit around the perimeter of the reserve to create a paths network.
- Develop strong planting themes and feature specimen plantings at key entry points of the reserve, including: the corner of Williamstown Road and Graham Street, the front of the main pavilion on Williamstown Road, the western end of the reserve on Williamstown Road, the soccer entrance on the north west corner of the reserve on Plummer Street, and on the north east boundary on Plummer Street.
- Undertake a lighting audit to identify passive and sports lighting needs within the reserve.
- Replace and upgrade lighting according to the recommendations of the audit.
- Install lighting for baseball on Williams oval to enable night games and training.

RESERVE INFRASTRUCTURE

DESCRIPTION

Buildings

There are four buildings located within the reserve. These are:

- Shed in depot on Graham Street, used for the HBD OC storage and club rooms.
- Main pavilion on Williamstown Road, constructed in 1965, renovated in 2002, contains public toilets, change rooms, club rooms, kitchen and bar.
- Soccer pavilion on Plummer Street, constructed in 1993, used exclusively by the PMSC and contains change rooms, social space, kitchen and bar.
- Dig In storage shed in the North West corner of the reserve. The shed is used for storing gardening equipment.

Play ground

The playground is located near the main pavilion on Williamstown Road. It is quite small and in poor condition. It has been prioritised in the Playground Strategy for replacement.

Picnic tables, barbecues and seating

There are two picnic tables located along the Plummer Street boundary of the reserve and these are predominantly used by workers in the adjacent industrial estate who come into the reserve to eat lunch. A paved barbecue and picnic area is located near the main pavilion in between Aanenson Oval and Woodruff Oval. This consists of two gas barbecues and a number of picnic tables. There are 22 seats distributed within the reserve for sports supporters and casual users.

Fencing

There are a number of fences within the reserve. These are:

- Perimeter fence: single rail fence around the boundary of the reserve designed to prevent vehicle access.

- Council depot fence: high cyclone fencing adjoining the reserve and forming part of the boundary fence along Graham Street. The fence is designed to prevent access to the depot.
- Dig In fence: high cyclone fencing around the perimeter of the community garden. Access to the garden is restricted to community members and the general public on open days.
- Soccer fence: high cyclone fencing around the pavilion, car park, main soccer pitch and the practice pitch. Access is restricted to soccer club members and visiting soccer clubs.
- Cricket/football oval fencing – single rail fence around Aanenson Oval and Woodruff Oval to separate the playing field from the spectators.
- Baseball fence – A low fence marks the perimeter of the baseball field on Williams Oval. Tall fencing is located directly behind the baseball diamond.

Community Garden

The community garden consists of raised and ground level garden beds along the northwest boundary of the reserve. Infrastructure associated with the community garden includes a shed and water tanks.

ISSUES

The following issues were identified through site analysis and community consultation:

- Depot fence is unsightly and in poor repair, needs replacing.
- Concern about children within the reserve running out into busy traffic on Williamstown Road, Graham Street and Plummer Street due to type of perimeter fence.
- Fencing in the reserve creates barriers to moving through the open space.
- Cricket/football ovals are under sized.
- Water pools around the playground when there is heavy rain.

- Playground is of poor quality and run down.
- Main pavilion is unattractive from the outside, particularly viewed from the main entrance to the reserve on Williamstown Road.
- Interior of main pavilion run down, in need of refurbishment.
- Hobsons Bay Obedience Dog Club storage and club rooms not appropriate for use.
- Need more storage space in the main pavilion to accommodate user groups.
- Not enough seating around sports fields for supporters.
- Some seating in poor condition.
- No facilities for individual or group training sessions
- Lack of access to water fountains for people and dogs.

OPPORTUNITIES

The following opportunities were identified through site analysis and community consultation:

- Development of passive/natural play spaces.
- Change the location and upgrade playground.
- Undertake landscaping to improve amenity.
- Integrating play space into proposed wetlands.
- Linking “playing” to proposed pathways through the park.
- Install exercise stations around the perimeter walking track for individual and group exercise.
- Refurbishment of the main pavilion, including increased storage capacity.
- Install barbecue and picnic facilities near Dig In community garden to encourage community gatherings.
- Improve facilities in the barbecue area.
- Upgrade existing and add more seating for sports supporters and passive users of the reserve.
- Install water fountains that can also provide water access for dogs.



Park amenities due for upgrade. Too much fencing is negating the open space of the Reserve



Potential to upgrade and relocate existing playground



BBQ is rundown



Need to provide better screening from the Depot

RESERVE INFRASTRUCTURE

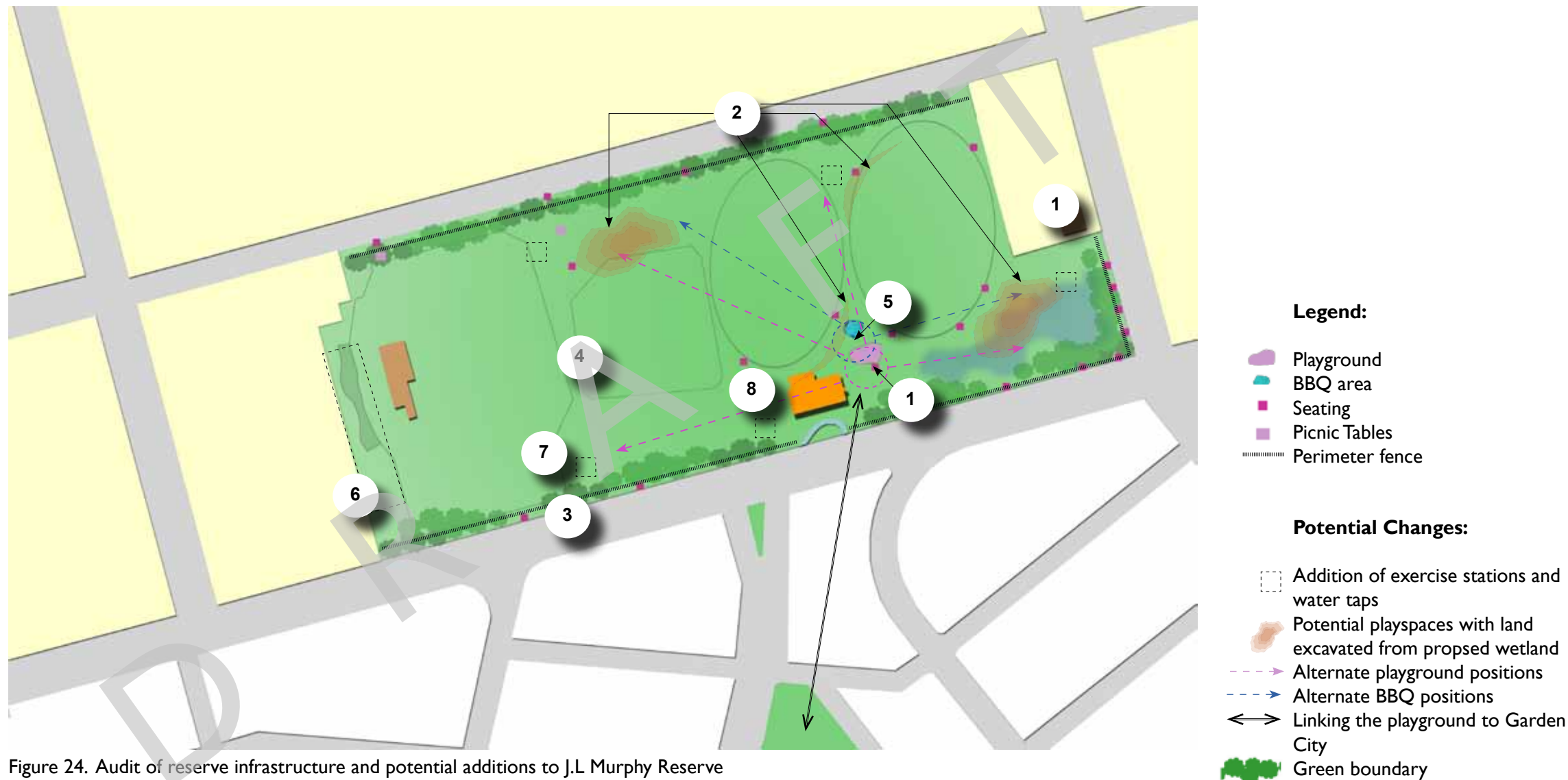


Figure 24. Audit of reserve infrastructure and potential additions to J.L. Murphy Reserve

Key Issues & Opportunities

- 1. Playground-** Replace and relocate, create natural playspaces within the reserve and try to link to existing successful playspaces such as the one in Garden City.
- 2. Berms/ Mounds-** Use excavated earth from proposed wetland to create terrains which can be used as seating or playspaces.

- 3. Boundary-** Replace existing boundary fence with a green boundary.
- 4. Oval fencing-** Review the perimeter fencing for all ovals.
- 5. BBQ-** Upgrade and review potential locations for the BBQ. Look at adding shade to picnic areas.
- 6. Dig In-** Potential for expansion and inclusion

of facilities such a seating and BBQ and better integrate it into the wider community.

- 7. Amenities-** Review seating and other facilities in the park. Look at installing exercise stations and water tap facilities at strategic points within the park.
- 8. Main Pavillion-** Improve visual amenity through landscaping and signage. Upgrade facilities.

RECOMMENDATIONS

- Replace and relocate the existing playground with a new playground that is better positioned within the reserve.
- Identify opportunities to develop natural play spaces that connect with the playground and other key elements within the reserve.
- Audit the fencing around the perimeters of all ovals and reserve boundary for appropriateness and upgrade, remove and replace as appropriate.
- Audit existing picnic table facilities. Upgrade existing and add additional picnic tables and seats at strategic locations with the barbeque facilities as recommended by the audit. Potential to install a barbeque, picnic table and seating adjacent to Dig In to encourage greater integration and use of the area by the wider community.
- Audit seating in the reserve, and where required, provide additional seating at strategic locations around the reserve for sports and general users of the reserve.
- Develop a concept design and investigate funding opportunities for the renovation and extension of the main pavilion to address the needs of current and anticipated future user needs for storage, change room facilities, office space, function rooms, kitchen and bar facilities.
- Improve and relocate the Hobson's Bay Obedience Dog Club storage and club rooms currently located in a shed in the council depot to the main pavilion. If the main pavilion facilities are not ready for the club at the time they are required to move due to the wetland being installed, council will negotiate a lease to house the club in an equivalent facility in close proximity to grounds where the dog obedience classes will be undertaken.
- Work with Dig In Community Garden to provide opportunities to expand the community garden to meet future need for community access to locally grown produce.
- Install drinking fountains at strategic locations within the reserve that are accessible to children and people with mobility challenges and that also provide water access for dogs.
- Install exercise stations along the reserve perimeter circuit that are designed to accommodate individual or group work outs.
- Undertake a bin audit. Replace and increase the number of bins according to the recommendations of the audit.

SPORTING INFRASTRUCTURE

DESCRIPTION

Football /Cricket

Football and cricket share facilities on Aanenson Oval and Woodruff Oval, cricket using the grounds in summer and football in winter.The following facilities are provided for football and cricket in the reserve:

- ☐ Goal posts
- ☐ Cricket pitches
- ☐ Cricket practice nets
- ☐ Lights
- ☐ Score board
- ☐ Shelters
- ☐ Change rooms
- ☐ Referee room
- ☐ Pavilion social room, kitchen, bar

Baseball

Baseball is located on Williams Oval. It is a summer sport only and at other times of the year Williams Oval is not in use for competition sport. Infrastructure provided for baseball includes:

- ☐ Williams Oval –baseball diamond and outfield
- ☐ Netting
- ☐ Fencing
- ☐ One light, currently not enough for night games or training

Soccer

Soccer has a dedicated space at the western end of the reserve, extending from Williamstown Road through to Plummer Street.Vehicle access to the soccer facilities is via Plummer Street.

Infrastructure provided for soccer includes:

- ☐ Anderson Oval – used exclusively for soccer and is restricted access
- ☐ Soccer practice pitch – used exclusively for soccer and is restricted access
- ☐ Pavilion, kitchen, bar, change rooms, social room
- ☐ Covered viewing area with seating
- ☐ Score board
- ☐ On site parking

ISSUES

Not enough shelters on the site for sports supporters or for other users of the site.

- ☐ Not enough seating.
- ☐ Seating in poor condition.
- ☐ Cant see the cricket and football games on Woodruff Oval from the pavilion.
- ☐ Aanenson Oval and Woodruff Oval not long or wide enough.
- ☐ Field condition on Aanenson Oval is poor due to water restrictions in previous years.
- ☐ Not enough playing fields for soccer – demand is exceeding current field capacity.
- ☐ Not enough lighting for baseball field for night games and training.

OPPORTUNITIES

- ☐ Expand the dimensions of Aanenson Oval and Woodruff Oval.
- ☐ Renovate the surface of Aanenson Oval.
- ☐ More shelters for players.
- ☐ More shelters for passive users of the site.
- ☐ Additional soccer playing surface – grass or synthetic.
- ☐ Install an electronic scoreboard for football and cricket.



Spectator seating around Woodruff Oval



Shelter at Aaneson oval



Cricket practice nets



Baseball infrastructure

SPORTING INFRASTRUCTURE



Figure 25. Audit of sporting infrastructure

Key issues & opportunities

1. **Shelter**- Add shelter for the scoreboard operator and look at increasing shelter on site for general spectators
2. **Playing Surfaces**- Renovate the playing surfaces

3. **Synthetic Pitch**- Investigate at adding a synthetic pitch to the site
4. **Baseball**- Investigate relocating the baseball field

Legend:

- Lighting
- High fence (over 2m)
- Seating
- Shelter

Sports grounds provisions

- a) Goal posts
- b) Cricket practice nets
- c) Concrete pitch
- d) Turf table
- e) Scoreboard

RECOMMENDATIONS

- Provide shelters for sports supporters and passive reserve users at strategic locations.
- Undertake a synthetic surface strategic needs analysis for the municipality to inform the potential development of a synthetic soccer pitch to be located in the south west corner of the reserve along Williamstown Road. Synthetic turf to be a community facility.
- Develop a synthetic surface according to the recommendations of the municipal wide strategic assessment of synthetic surfaces.
- Change the location of the baseball field closer to the main pavilion to accommodate an additional soccer field.
- Install signage for all active user groups in appropriate locations within the reserve.
- Negotiate through lease agreements access to sporting grounds and the main pavilion (once upgraded) for use by the Hobson's Bay Obedience Dog Club.
- Install additional toilet facilities.
- Install an additional baseball batting cage.
- Construct a new soccer field along Plummer Street.
- Soil testing, earthworks, site set up, consultation, relocating underground services.
- Install/ relocation of cricket nets.

38

MASTERPLAN

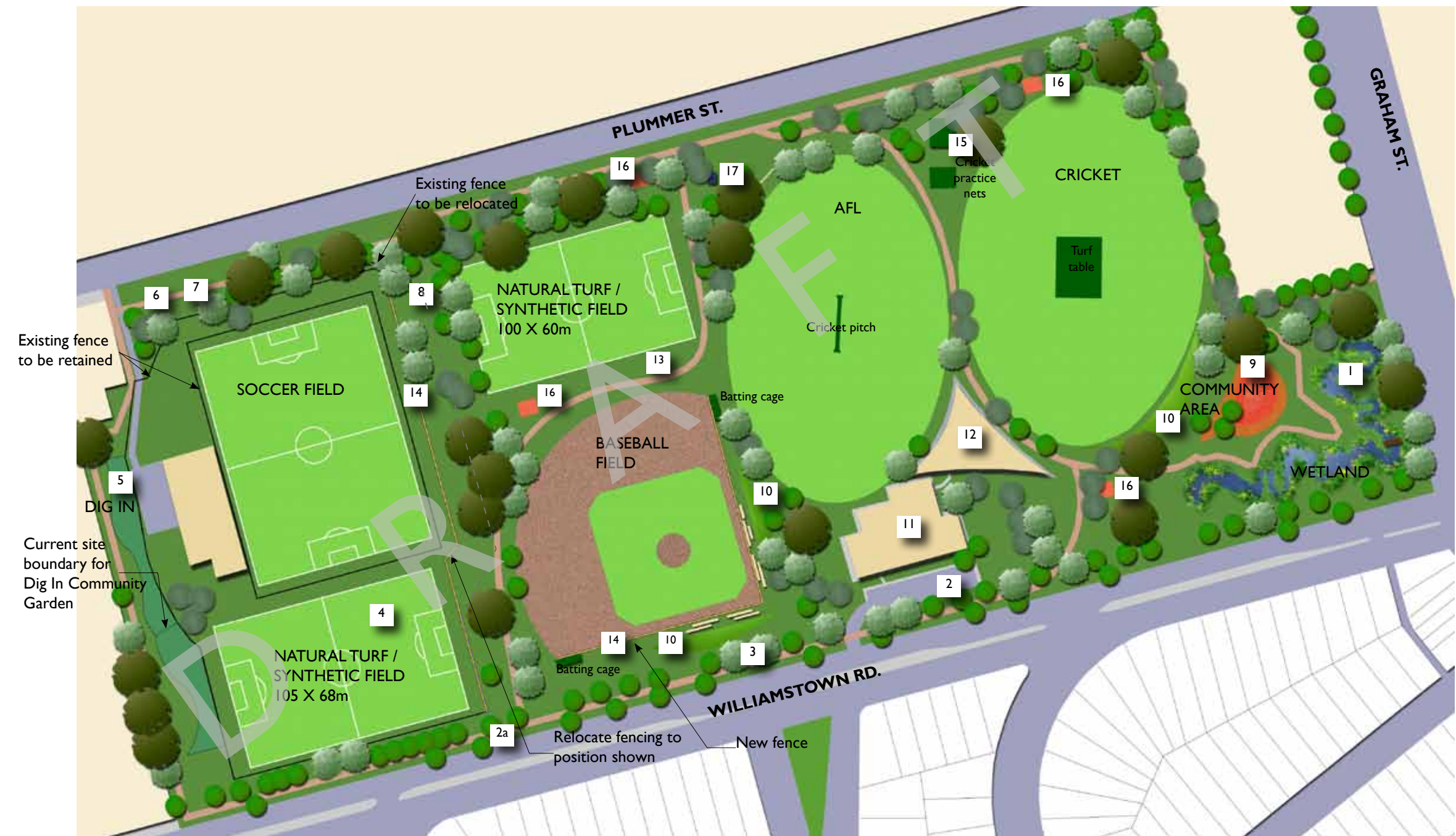


Figure 26. Master Plan for J.L Murphy Reserve

A master plan has been developed for Murphy Reserve based on the recommendations made for each of the key issues in the site analysis section. The key elements of the master plan are presented below.

Key Elements

1. Wetland and stormwater harvesting system that will contribute 70% of irrigation water required for the reserve.
2. Improve bicycle, pedestrian and car access to the reserve through bike racks, path networks and parking with permeable surface within the reserve and on Williamstown Road.
- 2a. Provision of pedestrian crossing infrastructure.
3. Remove and replace dead and dying trees. Increase overall canopy cover for shade and shelter.
4. Install a synthetic turf to increase junior and women's soccer playing opportunities and provide a general community resource.
5. Provide for expansion of Dig In Community Garden.
6. Granitic sand 'Tan' style jogging/walking/cycling path 2.75 metres wide to accommodate service vehicles and ambulance.
7. Perimeter path to have night lighting to encourage evening use.
8. Eastern soccer fence line to be relocated to increase the open space and amenity in the reserve.
9. Community area with seating and new playground.
10. Mounded earth from excavated Wetland to be used onsite as viewing areas for spectators and landscape features in the Reserve.
11. Pavilion to be renovated and extended to make better use of storage space. Hobson Bay Dog Obedience Club (HBDOC) to use the pavilion in future and move out of the depot.
12. A large shelter to be installed for football and cricket spectators and recreational use.
13. HBDOC to negotiate use of sporting ovals with sports clubs in future.
14. New fence to be constructed along southern and western boundaries of the baseball pitch to prevent balls from hitting spectators and traffic on Williamstown Road.
15. Relocate cricket practice nets to a higher visibility location.
16. Exercise stations to be added around the Reserve.
17. Single automated disabled access toilet to be added on the Plummer St. side of the Reserve.

IMPLEMENTATION PLAN

Implementation Plan

The following section provides a prioritised implementation schedule for all recommendations. The recommendations for future development of Murphy Reserve have been developed based on input from the community reference group, results of the community consultation and municipal wide priorities. These recommendations provide a guide only to all future work undertaken in the reserve. The implantation of the recommendations will need to be considered as part of council's annual budget process.

Recommendations were listed in the Site Analysis section of the report, grouped under the headings:

- ☐ Water
- ☐ Parking/traffic
- ☐ Trees
- ☐ Entry points, path networks, lighting
- ☐ Reserve infrastructure
- ☐ Sporting infrastructure

The recommendations from each of these sections are presented in Table 5. The recommendations have been prioritised for action in the short, medium and long term. Implementation of these activities in any given year will depend on councils budget priorities at that time.

Funding Opportunities

There are a number of external funding opportunities that will be investigated to assist in the timely implementation of the master plan. Grants that shall be investigated include, but are not limited to:

- ☐ Grants from Sport and Recreation Victoria (SRV) for assistance with development of sports infrastructure such as a synthetic turf, pavilion upgrades, sports grounds lighting.
- ☐ Melbourne Water funding for assistance with stormwater harvesting and water sensitive urban design projects.
- ☐ Two rounds of federal funding under the Urban Recycling Fund have been released in the past for stormwater projects. It is not known when/ if another round will be announced.

Recommendation	Priority
Water	
Implement the storm water harvesting scheme recommended by AECOM (2010) from the Plummer Street storm water drain for irrigation use and general greening of Murphy Reserve.	SHORT
Design and construct a wetland system for processing storm water harvested from the Plummer Street drain.	SHORT
Investigate opportunities for increasing rain water capture from existing infrastructure for use on site.	SHORT
Investigate opportunities to improve turf management practices to optimise water efficiency and durability.	SHORT
Review current irrigation systems and where needed, opportunistically expand the irrigation system to all sporting surfaces and upgrade existing irrigation to Best Practice Standard and ensure they are maintained to a minimum overall efficiency of at least 75%.	MEDIUM
Construct a bridge across the wetland to facilitate entry to the reserve from the corner of Graham Street and Williamstown Road.	MEDIUM
Decommission the 4 metre bore located in Murphy Reserve.	MEDIUM
Parking/ Traffic	
Work with active user groups to develop strategies, including signage and pamphlets, for communicating available parking locations to visiting sporting participants and supporters to facilitate full usage of all available parking.	SHORT
Work with active user groups to encourage, where practical, members to car pool, cycle or walk to the reserve to reduce parking pressure on game days.	SHORT
Reassess the option to provide angled parking along Williamstown Road in proximity to Murphy Reserve when traffic flow reduces to below 14,000 vehicles in a 24 hour period.	LONG
Install more bike racks and enhance bike and pedestrian access points and paths to and within the reserve.	SHORT
Redesign the existing pull in and drop off area in front of the main pavilion on Williamstown Road to provide car parking spaces.	LONG
Provide support to clubs to investigate opportunities to negotiate use of vacant parking sites on adjacent industrial/commercial centres on game days.	SHORT
Continue the Good Neighbour meetings between active user groups and residents to proactively address issues as they arise.	ONGOING
Advocate with VIC Roads to install pedestrian crossing infrastructure on Williamstown Road.	MEDIUM

SHORT-
MEDIUM-
LONG-
Short term
Medium term
Long term

Table 5: Implementation Plan for J.L Murphy Reserve over a 20 year period

IMPLEMENTATION PLAN

Recommendation	Priority
Trees	
Develop a tree management and maintenance plan to guide the strategic remove and replacement of mature trees in poor health to ensure good tree canopy cover is maintained over time.	SHORT
Undertake a tree planting program to replace dead trees, undertake a staged removal and replacement of mature trees in poor health according to the tree management plan, and increase the total number of trees within the reserve, using replacement tree species that are adapted to changing climate conditions and provide the maximum canopy cover for the reserve.	ONGOING
Identify opportunities to use trees and shrubs as a natural safety and noise buffer from traffic on adjacent busy roads and as a noise buffer for local residents from activities undertaken in the reserve.	SHORT
Identify and plant trees in strategic locations to maximise provision of natural shade, shelter and cooling of the air for passive and active users of the park.	ONGOING
Select and strategically plant feature trees to increase the visual amenity of the reserve and make it more attractive to users.	ONGOING
Entry points/ path networks/ lighting	
Construct a running/walking/bike circuit around the perimeter of the reserve, wide enough and constructed with material that will enable maintenance trucks to use it to access bins, toilets and barbeques for cleaning and maintenance.	SHORT
Connect existing through paths within the reserve to the circuit around the perimeter of the reserve to create a paths network.	SHORT
Develop strong planting themes and feature specimen plantings at key entry points of the reserve, including: the corner of Williamstown Road and Graham Street, the front of the main pavilion on Williamstown Road, the western end of the reserve on Williamstown Road, the soccer entrance on the north west corner of the reserve on Plummer Street, and on the north east boundary on Plummer Street.	SHORT
Undertake a lighting audit to identify passive and sports lighting needs within the reserve.	MEDIUM
Replace and upgrade lighting according to the recommendations of the audit.	LONG
Install lighting for baseball on Williams oval to enable night games and training.	MEDIUM- LONG

IMPLEMENTATION PLAN

Recommendation	Priority
Reserve Infrastructure	
Replace and relocate the existing playground with a new playground that is better positioned within the reserve.	MEDIUM
Identify opportunities to develop natural play spaces that connect with the playground and other key elements within the reserve.	SHORT
Audit seating in the reserve, and where required, provide additional seating at strategic locations around the reserve for sports and general users of the reserve.	MEDIUM
Develop a concept design and investigate funding opportunities for the renovation and extension of the main pavilion to address the needs of current and anticipated future user needs for storage, change room facilities, office space, function rooms, kitchen and bar facilities.	MEDIUM
Improve and relocate the Hobson’s Bay Obedience Dog Club storage and club rooms currently located in a shed in the council depot to the main pavilion. If the main pavilion facilities are not ready for the club at the time they are required to move due to the wetland being installed, council will negotiate a lease to house the club in an equivalent facility in close proximity to grounds where the dog obedience classes will be undertaken.	MEDIUM
Work with Dig In Community Garden to provide opportunities to expand the community garden to meet future need for community access to locally grown produce.	MEDIUM
Install exercise stations along the reserve perimeter circuit that are designed to accommodate individual or group work outs.	LONG
Undertake a bin audit. Replace and increase the number of bins according to the recommendations of the audit.	SHORT
Install drinking fountains at strategic locations within the reserve that are accessible to children and people with mobility challenges and that also provide water access for dogs.	SHORT

IMPLEMENTATION PLAN

Recommendation	Priority
Sports Infrastructure	
Provide shelters for sports supporters and passive reserve users at strategic locations.	MEDIUM
Undertake a synthetic surface strategic needs analysis for the municipality to inform the potential development of a synthetic soccer pitch to be located in the south west corner of the reserve along Williamstown Road. Synthetic turf to be a community facility.	SHORT
Develop a synthetic surface according to the recommendations of the municipal wide strategic assessment of synthetic surfaces.	MEDIUM
Change the location of the baseball field closer to the main pavilion to accommodate an additional soccer field.	MEDIUM
Install signage for all active user groups in appropriate locations within the reserve.	SHORT
Negotiate through lease agreements access to sporting grounds and the main pavilion (once upgraded) for use by the Hobson’s Bay Obedience Dog Club.	SHORT
Install additional toilet facilities.	LONG
Install an additional baseball batting cage.	MEDIUM
Construct a new soccer field along Plummer Street.	SHORT
Soil testing, earthworks, site set up, consultation, relocating underground services.	ONGOING
Install/ relocation of cricket nets	MEDIUM