

## 7.4 Hawthorn



### 7.4.1 Existing conditions



FIGURE 7.4~1 Existing open space in Hawthorn

## 7.4.1a Overall precinct description for Hawthorn

### Extent of precinct

The Yarra River and Gardiners Creek form the western and southern boundaries of Hawthorn. Barkers Road defines the north and Auburn Road generally defines the east, with the exception of the boundary extending out around Auburn Quarry Reserve.

### Open space along the waterways

The major open space reserves in Hawthorn are located along the waterways including Pridmore Park, Wallen Reserve and Fairview Park along the Yarra River and HA Smith Reserve and Patterson Reserve along Gardiners Creek. In contrast to the remnant bushland along the Yarra River through Kew, the open spaces along the Yarra in Hawthorn are mainly developed for sport and recreation use with a riparian corridor adjacent to the waterway. The household survey outcomes identify that residents of Hawthorn also regularly visit the natural bushland areas north of Hawthorn including Studley Park and use the Yarra trail in addition to the open space in Hawthorn.

Linear open space along the Yarra River and Gardiners Creek is discontinuous with privately owned land interspersed along the waterway. The Main Yarra Trail, located on the western side of the Yarra River, is only accessible via road bridge crossings within this precinct. On the Boroondara side of the Yarra River the path system is an informal unsealed path of varying widths and is discontinuous due to the presence of private land in some sections.

### Summary of other existing open space

St James Park offers a diversity of character and use with a formal public garden layout that integrates sports facilities with unstructured informal recreational use. The community identified St James Park as the second most visited open space for a diversity of reasons including walking, trees, exercising, relaxation, dog walking and ambience. Glenferrie Oval is the original home of the Hawthorn Football Club. The oval has not been well used by the broader community as it has been fenced (restricted open space). The fencing is to be lowered and/or removed to improve access. The other large open space in Hawthorn is Auburn Quarry Reserve that caters primarily to active sporting needs.

Located within walking distance of the Glenferrie Road Major Activity Centre is Central Gardens. This is the most popular open space from the household survey, particularly for the playground, dog walking, trees and being close to home. Grace Park, Morang Road Reserve and Smart Street Reserve provide for a number of unstructured and informal uses.

A range of Local and Small Local open space reserves are distributed in Hawthorn, particularly between Glenferrie and Auburn Roads.

### Ancillary open space

Hawthorn Secondary College is located in East Hawthorn and positioned directly adjacent to Auburn Quarry Reserve and contributes to the general open character of this area. Glenferrie Primary School and Hawthorn West Primary School are both located in Hawthorn and provide limited contribution to the open space character of the surrounding area. Within the Glenferrie Road Major

Activity Centre, Swinburne University provides some ancillary open space, primarily seating and grassed areas within the grounds of the University.

Scotch College, located at the confluence of the Yarra River and Gardiners Creek contributes to the green and open character of the neighbourhood around the school, however there is no informal use of these grounds by the local community. The site on which Scotch College is situated is noted as being an important location in the early years of European settlement of Boroondara.

#### **Summary of neighbourhood character**

Hawthorn is an established area with a diverse urban character ranging from Victorian, Edwardian and then mixed pre and post war residential character. The high density urban character associated with Swinburne University and the Glenferrie Road area is a contrast to the established residential areas throughout much of Hawthorn.

### **7.4.1b Quantity of open space in Hawthorn**

Following is a brief summary of the key statistics for quantity of open space in Hawthorn:

- 57.21 hectares of open space
- 9.7 per cent of the total suburb area is open space
- 9.6 per cent of the total open space in the City of Boroondara
- 26 sqm of open space per person, based on the estimated population for 2011
- other large open space within easy walking distance of the precinct includes Kooyong Park on the south side of Gardiners Creek.

**Table 7.4(i) Number, size and type of open space**

<b>No</b>	<b>Hierarchy of open space</b>	<b>Area (ha)</b>
12	Regional	25.02
5	Municipal	18.73
6	Neighbourhood	9.91
4	Local	1.81
14	Small Local	1.67
1	Small Local Link	0.05
<b>42</b>	<b>Totals</b>	<b>57.21</b>

## 7.4.1c Open space hierarchy and character in Hawthorn

**Table 7.4(ii) List of existing open space type and character classification**

Open space	Area sqm	Hierarchy	Primary Character Classification	Secondary Character Classification
Appian Way	1,170	Small Local	Linear	
Auburn Road Garden	1,125	Small Local	Informal	
Auburn Quarry Reserve (John Gardiner Reserve)	53,715	Municipal	Sporting	
Berkeley Street Reserve	1,808	Small Local	Significant road reservation	Sporting, Viewing and seating
Burwood Road Reserve	4,776	Regional	Waterway	Sporting, Heritage
Central Gardens	30,940	Neighbourhood	Heritage	Botanical, Public Garden
Creswick Street Reserve	8,307	Neighbourhood	Heritage	Seating/viewing, Botanical, Gateway
Dean Avenue Reserve	1,104	Small Local	Informal	
Elphin Grove Reserve	853	Small Local	Informal	
Fairview Park	53,834	Regional	Heritage	Waterway, Sporting, Nature conservation
Fashoda Street Reserve	3,391	Local	Informal	Play
Glenferrie Oval	46,459	Municipal	Restricted sport and recreation	
Grace Park	26,073	Neighbourhood	Public garden	Heritage, Botanical, Restricted sport and recreation, Linking space
H A Smith Reserve	49,698	Regional	Sporting	Waterway
Harrison Crescent Reserve	3,987	Regional	Waterway	Linear
Hawthorn Hockey Centre	27,025	Municipal	Sporting	
Hawthorn Library Reserve *	1,707	Small Local	Civic forecourt	
Hull Street Reserve	2,203	Small Local	Informal	Linking space, Play
Illawarra Road Reserve	863	Small Local	Informal	
Kooyongkoot Road Reserve	2,055	Small Local	Informal	Linking space
L E Bray Reserve - Chrystobel Cr to Mary St	3,322	Local	Linear	Informal
L E Bray Reserve - Kinkora Rd to Hawthorn Gr	4,840	Local	Linear	Heritage, Informal
L E Bray Reserve - Mary St to Kinkora Rd	4,306	Neighbourhood	Linear	Informal
Mason Street Reserve	6,585	Local	Informal	Play
MCC & Bowling	12,917	Municipal	Sporting	Restricted sport and recreation
Morang Road Reserve	14,070	Neighbourhood	Public garden	Heritage, Linking space
Muir Street Reserve	1,818	Regional	Waterway	Informal, Linear
Patterson Reserve	63,406	Regional	Sporting	Waterway
Power Avenue Reserve	523	Small Local Link	Linking space	Water feature
Pridmore Park	30,251	Regional	Waterway	Informal
Riversdale Corner	1,254	Small Local	Public garden	

**Table 7.4(ii) List of existing open space type and character classification in Hawthorn (continued)**

Open space	Area sqm	Hierarchy	Primary Character Classification	Secondary Character Classification
Riversdale Road Reserve	525	Small Local	Significant road reservation	
Scotch Circuit Reserve	356	Small Local	Informal	
Scotsburn Street Reserve	3,214	Regional	Waterway	Undeveloped, Nature conservation
Scullin Park	1,104	Small Local	Play	Linking space
Smart Street Reserve	15,423	Neighbourhood	Informal	
St James Park	47,224	Municipal	Heritage	Sporting, Formal
Toorak Road Reserve	617	Small Local	Significant road reservation	
Wallen Reserve	14,375	Regional	Waterway	Informal
Wurundjeri Gardens	2,605	Regional	Waterway	Linking space
Yarra Bank Reserve	20,131	Regional	Heritage	Waterway, Public garden, Botanical
Yarra Street Land (Extension)	2,116	Regional	Linking space	Waterway

\* Hawthorn Library Reserve will be enlarged after proposed redevelopment.

### Heritage values of open space

The following is a summary of the open spaces identified to have significance in existing heritage studies:

#### *Hawthorn Heritage Study (1993)*

- Central Gardens, continuously maintained as a public park since 1900, is significant for its mature native and exotic trees, for its role in providing passive recreational opportunities and for its former association with brick making - one of Hawthorn's most important early industries.
- Creswick Street Reserve, continuously maintained as a public park since 1866, is significant for its terraced layout and extremely high standard of large rock edging and drystone retaining walls. The garden beds between the grass terraces are planted with trees and shrubs that may date back to the Edwardian era. The reserve is also significant for its association with the original village of Hawthorn Reserve and its position at the river gateway to Hawthorn.
- Fairview Park, continuously maintained as a public park since 1933, is significant for its mature native and exotic trees, its semi-formal layout, and for its role in providing passive recreational opportunities to the citizens of Hawthorn and neighbouring areas.
- Glenferrie Oval, purchased by Council in 1904 for the purpose of establishing a sports ground, this reserve is noted in the statement of significance for Grace Park for its association with the Hawthorn Football Club.
- Grace Park, continuously maintained as a public park since 1906, is significant for its mature native and exotic trees and its association with the historic Grace Park Tennis Club.
- LE Bray Reserve (Kinkora Rd to Hawthorn Gr), was part of the old Kew railway line which opened in 1887 and closed in 1957. The reserve was

subsequently planted with native trees and shrubs and is of significance for its association with the Hawthorn-Kew Railway Branch line.

- Morang Road Reserve, continuously maintained as a public park since 1917, is significant for its mature exotic and native planting, for its provision of passive recreational opportunities for the citizens of Hawthorn and as a reminder of the past topography of Hawthorn with the creek.
- St James Park, reserved in 1861 as a Crown Land Reserve, and continuously maintained since then as a public park. The park is significant for its remnant native vegetation, its mature native and exotic trees (particularly the elm and oak avenues), for the retention of a significant portion of its nineteenth century path layout and for its War Memorial of cultural significance.
- Yarra Bank Reserve, continuously maintained as a river frontage reserve since 1866, significant for its association with the original village of Hawthorn Reserve and its position (in conjunction with Creswick Street Reserve) at the river gateway to Hawthorn. The reserve is also significant for its mature native and exotic trees, its drystone retaining walls on the embankments, and the now rare large rock edgings and terracing.

## **Master Plans**

Council has three Concept Master Plans/Management Plans for open space in Hawthorn:

- Glenferrie Oval, Grace Park and LE Bray Reserve Concept Master Plan (2009).
- HA Smith Reserve Concept Master Plan (2009).
- Central Gardens Management Plan (1996).

### Glenferrie Oval, Grace Park and LE Bray Reserve Concept Master Plan

Prepared in 2009, this recent Master Plan provides direction for these three open spaces. Some of the key relevant directions for the open space strategy include:

- Create an open space link between Glenferrie Oval and Grace Park.
- Remove and/or lower the fencing around Glenferrie Oval and open this space up to informal recreational use.
- Establish a shared path from Glenferrie Road to Power Street.

### HA Smith Reserve Concept Master Plan

Prepared in 2009, this recent Master Plan provides direction for the upgrade of this open space to provide improved use and facilities for structured sporting needs along with unstructured recreational use. The key relevant directions for the open space strategy include:

- Realign the Gardiners Creek shared trail.
- Reconfigure the sporting field to accommodate two senior soccer fields and a cricket oval with training lights.
- Demolition of the existing pavilion and construction of a new sports pavilion on Glenferrie Road frontage.
- Convert a section of Reserve Road (between Gardiner Road and Berkley Street) to open space.

### Central Gardens Management Plan

This plan was developed in 1996 and the proposed features have mostly been completed or are no longer relevant or required. Given the age of the plan, and

the location of these gardens close to the Glenferrie Road Major Activity Centre, the proposals in this management plan are no longer relevant to the Strategy.

### 7.4.1d Distribution of open space in Hawthorn

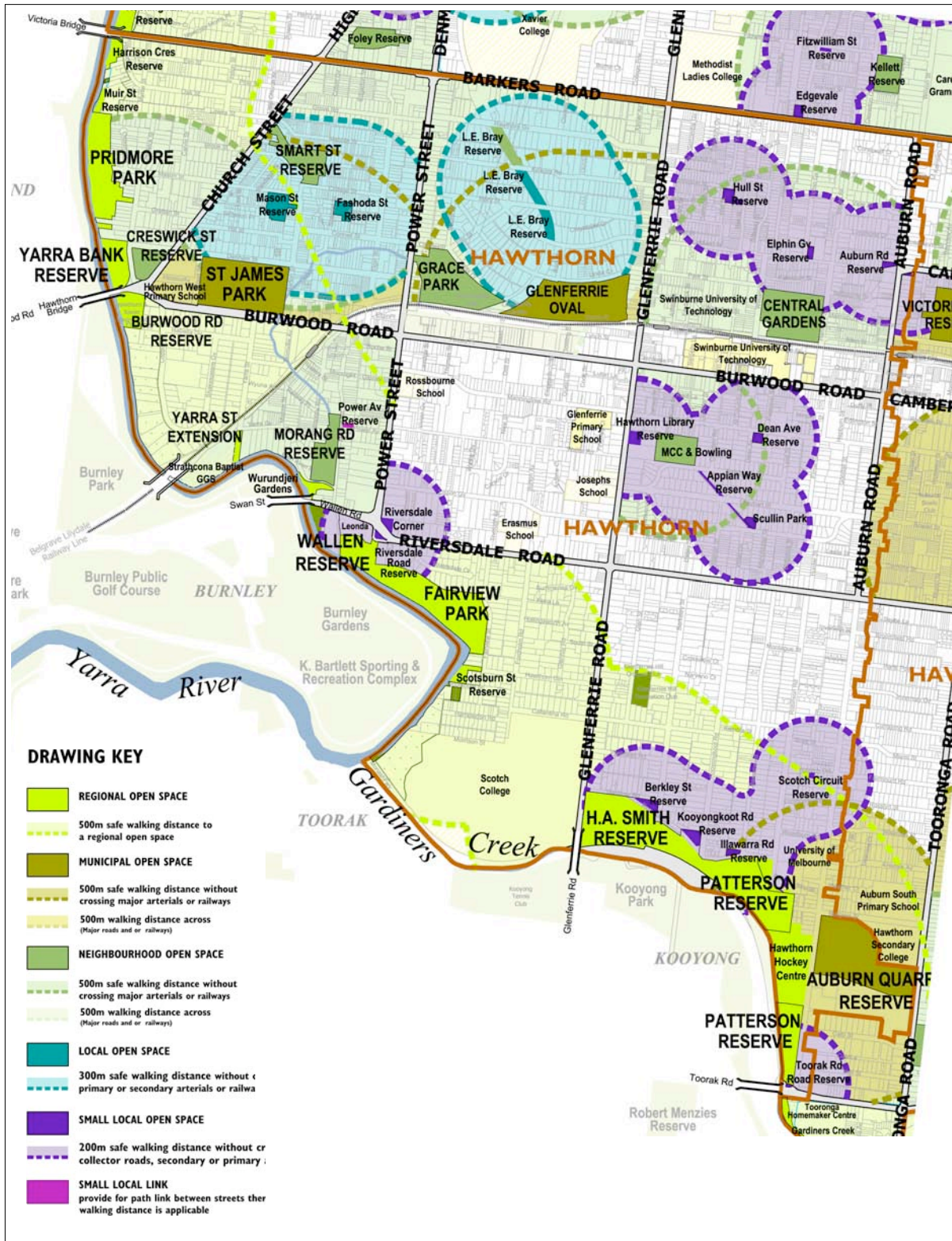


FIGURE 7.4~2 Open space distribution analysis for Hawthorn

Approximately half the open space is located along the waterways including the Yarra River and Gardiners Creek. Some of these open spaces are Crown Land and all are managed by Council. Along the waterway corridors the open space is discontinuous and there is no open space connection between the two waterways as Scotch College is located at the confluence. The two existing Public Acquisition Overlays (PAO) in place over freehold land adjoining the Yarra River upstream of Pridmore Park are currently listed with the acquiring authority being Boroondara City Council. The two PAOs downstream of Pridmore Park have the acquiring authority as DSE. A continuous open space link between Harrison Crescent Reserve and Yarra Bank Reserve will provide important connectivity as a long-term local recreational link for the Boroondara community.

Overall the Municipal and Neighbourhood sized open spaces are located centrally to the precinct north of Burwood Road and railway. South of the railway and east of Power Street open space is not as well distributed, with primarily Small Local open space supplementing the Regional open space located along the waterways.

Of the six gap areas, three coincide with the gaps identified in the Glenferrie Road Major Activity Centre precinct, and solutions to address these have been considered in the context of both the existing conditions and forecast population growth within the activity centres. Refer to the description of gap areas in Glenferrie Road in Table 7.4(iii).

## **7.4.2 Community characteristics for Hawthorn**

### **7.4.2a Demographic summary of existing forecast trends**

*Source: ABS Census data, 2006 (.id Consulting profiles, 20/1/11)*

#### **Age structure:**

Compared with the Municipal-wide average, there is a smaller proportion of younger age groups between 0 to 17 years and a smaller proportion of older age groups of over 60 years.

Forecast trends for age structure through to 2026 include:

- a slight increase in the 0 to 17 year age range
- some increase in the 18 to 34 year age range
- an increase in the 35 to 49 year range
- an increase in the 70 to 84 year range.

#### **Household type:**

Compared with the Municipal-wide average, there is a smaller proportion of family households and a larger proportion of lone person households.

Forecast trends to household type through to 2026 include:

- some increase in couples without dependents
- some increase in couples with dependents
- an increase in lone person households.

**Dwelling type:**

Compared with the Municipal-wide average, there is a lower proportion of separate houses and a higher proportion of semi-detached houses and apartments. Forecast information is not available for dwelling types.

**Total population (2011): 22,269\***

**Forecast population in 2026: 25,029 (addition of 2,760)\***

\* Source: .id Consulting incorporating VIF figures

#### 7.4.2b Summary of household survey outcomes for Hawthorn

A total of 171 household surveys were received from residents of Hawthorn, which represents 9 per cent of the total number of surveys received. This is slightly less than the proportion of Hawthorn residents in the Boroondara population, which is 13.5 per cent.

#### Most frequently visited open space reserves:

USE	OPEN SPACE	REASONS TO VISIT	SUGGESTED IMPROVEMENTS
<b>Open space within walking distance</b>			
27%	Central Gardens	playground and equipment (43%) dog walking (20%) walking (20%)	Additional seats, bins, and dog off-lead areas.
26%	St James Park	walking (39%) trees (30%) exercising (23%)	Additional dog off-lead areas, seats, BBQs and indigenous trees and vegetation.
22%	Grace Park	walking (32%) playground and equipment (29%) dog walking (21%)	Pedestrian bridge maintenance, update playground equipment, additional trees and park facilities.
20%	Pridmore Park	walking (40%) dog walking (28%)	Additional indigenous vegetation, dog off-lead areas, seats. Update playground equipment and paths.
18%	Smart Street Reserve	playground and equipment (30%) ambience, beauty (13%) dog walking (13%)	Additional seats, drinking fountains, BBQ, picnic facilities and dog off-lead areas. Upgrade paths.
<b>Open space beyond walking distance</b>			
14%	Fairview Park	dog walking (33%) walking (25%) dog off-lead area (17%)	Regular rubbish removal, additional dog off-lead areas and rubbish bins, additional trees.
14%	Hays Paddock	playground and equipment (58%) dog walking (21%)	Regular maintenance and cleaning.
12%	Studley Park	walking (38%) river (29%)	Retain open space, additional toilets and park

USE	OPEN SPACE	REASONS TO VISIT	SUGGESTED IMPROVEMENTS
9%	Yarra Trail	cycling (40%) exercising (27%) walking (27%)	facilities. Upgrade paths, provide more connecting paths.

**Types of open space used (top four):**

94% open space along Yarra River  
89% small local parks  
85% large parks and gardens  
85% local streets for exercise.

**Values (top four):**

71% trees  
59% place to relax and unwind  
57% place for kids to play  
57% escape built environment.

**Activities and facilities in open space (top four):**

89% walking paths  
85% open grassed areas  
79% seats  
68% drinking fountains.

**Provision and maintenance of facilities**

In relation to facilities, respondents identified they are dissatisfied with the provision of public toilets, drinking fountains, seats, cycle paths, picnic tables and dog off-lead areas. In relation to maintenance of facilities the majority are satisfied with the exception of drinking fountains and public toilets.

**General comments:**

- Highly value the choice and variety of open space Boroondara.
- Ensure that existing open space is retained and there is no further loss to development.
- Open space is important as residential densities increase.
- More open space is required.
- Open space is a key feature of Boroondara.
- Value trees and they contribute to the appeal of the parks and playgrounds and require more to be planted.
- Open space is generally well maintained and requests that this continue.
- Require additional dog off lead areas.
- Link the off-road cycle path network.

For further details on household survey outcomes refer to Appendix B of the Strategy.

## **7.4.2c Implications of community characteristics on future open space planning in Hawthorn**

The forecast change in demographics will result in a slight increase in families with children, a slight increase in young adults and an increase in older people. This forecast change will require a more diverse range of facilities in open space to appeal to all ages including older people to encourage them to be out and using open space to maintain fitness. The forecast increase in urban densities in the activity centres are likely to result in more people living in apartments rather than detached single dwellings, and therefore less private open space. Providing open space nearby to forecast higher density dwellings will assist with achieving the health, wellbeing and environmental outcomes of the Strategy.

## **7.4.3 Future change in Hawthorn**

### **7.4.3a Overview**

The forecast residential population represents a 12 per cent increase with an additional 2,760 residents across the suburb changing from 22,269 in 2011 to 25,029 in 2026. The forecast population increase in Hawthorn will be concentrated in the activity centres and enterprise corridors. Additional non-residential population is also forecast to occur in the core areas of activity centres and the enterprise corridor.

Forecast change is proposed in the Glenferrie Road Major Activity Centre (MAC) and West Hawthorn Activity Centre located wholly within the precinct. The Burwood Road Enterprise Corridor is partially located in Hawthorn, with the remainder in Hawthorn East. There is forecast to be an increase in non-residential population within the enterprise corridor. The most substantial forecast change will be in the Glenferrie Road MAC with an additional residential population between 2011 and 2026 of just over 1,100 along with a forecast additional 500 employees.

This activity centre has some of the larger open spaces in Hawthorn within walking distance of it including Central Gardens, Glenferrie Oval and Grace Park. The forecast increased population would place additional demand on existing open spaces within walking distance. Hawthorn West Activity Centre adjoins the Glenferrie Road MAC and has a forecast increased residential population of more than 820 people who would likely live within walking distance of Glenferrie Oval and Grace Park, along with St James Park to the west.

The location of activity centres and enterprise corridors are shown in Figure 7.4~3. This also illustrates the areas that are unlikely to change due to existing controls in the planning scheme. Heritage Overlays are illustrated in blue hatch to denote these areas.

The other activity centres located in Hawthorn are described in Section 7.4.3c with the larger centres described first followed by the smaller ones. Refer Section 7.3.3c for the description of the Burwood Road Enterprise Corridor.



## 7.4.3b Glenferrie Road Major Activity Centre

### Summary of the existing Structure Plan

Glenferrie Road Major Activity Centre is centred around the Glenferrie Railway Station and the intersection of Burwood and Glenferrie Roads.

The overall intent for the Structure Plan is to promote Glenferrie Road as a vibrant learning and community hub in Boroondara, and as a thriving retail and commercial centre it will provide for the needs of the local community including students, academics and commercial operators. Retail activity will be focussed at ground level within or immediately adjacent to the retail core and encourage the use of the upper levels for offices or residential. The Structure Plan encourages the use of underutilised or vacant sites including car parks and vacant land at the rear of buildings for mixed-use redevelopment. Higher scale buildings are encouraged in and around the railway and Glenferrie Road, mainly north of Burwood Highway and directly adjoining the south side of Burwood Highway.

### Anticipated forecast population growth in Glenferrie Road Major Activity Centre

#### Residential population

The forecast residential population increase within the Activity Centre between 2011 and 2026 is in the order of 1,100 people (*Source: .id Consulting, 29 November 2010, refer to Table 5A of this Strategy*), changing from a forecast 6,675 in 2011 to 7,783 residents in 2026. The West Hawthorn Neighbourhood Activity Centre overlaps with the Glenferrie Road Major Activity Centre and the forecast increased population in West Hawthorn Activity Centre would be using some of the same open space. Adding the forecast residential population increase in West Hawthorn Activity Centre of 820 will result in a forecast total of an approximate additional 1,900 in this area. The open space analysis aims to achieve an improvement in the open space quality and retain a similar quantity of open space relative to population density within the activity centre that is fully accessible.

#### Non-residential population

The *Draft Glenferrie Road Structure Plan Consultation Brochure* (Nov 2009) supports and encourages mixed use resulting in increased retail and business use within the precinct with a focus on the educational hub that is centred around Swinburne University. As a result of forecast growth, the additional employee population within the Centre is forecast to be in the order of 500 by 2026. The estimated employee population in 2009 was 3,443 and in 2026 it is forecast to increase to 3,966. (*Source: based on floorspace data and average persons/sqm rate derived from Essential Economics, 2010, refer to Table 5B of this Strategy*).

#### Total additional population

Combining the residential and non-residential population, there is forecast to be an additional 1,600 either employed or living in the Centre by 2026.

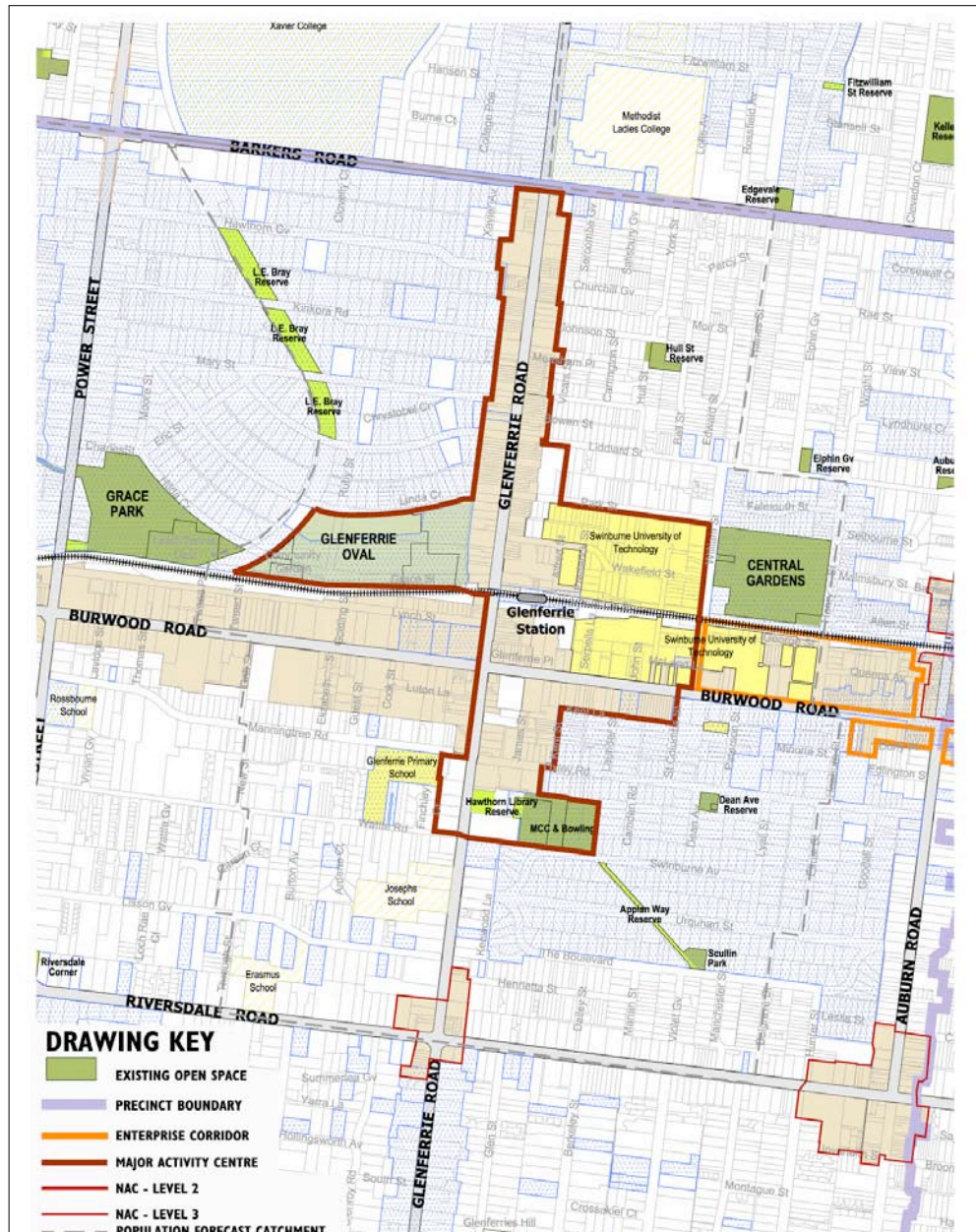


FIGURE 7.4~4 Glenferrie Road Major Activity Centre Existing Conditions Plan

### Open space distribution and future need in the Glenferrie Road Activity Centre

Within the activity centre major arterial roads and the railway form east-west and north-south barriers to easy safe access to open space. Future open space provision and needs in the activity centre are based on consideration of forecast increased population access to and impact on existing open space and whether it is likely that additional open space would be required.

The major roads and railway define seven open space sub-precincts within Glenferrie Road Activity Centre, and these are illustrated in Figure 7.4~5. These sub-precincts are based on the ability of people working or living in the activity centre to easily reach open space. A summary of open space provision in the open space sub-precincts is described in Table 7.4(iii).



FIGURE 7.4~5 Glenferrie Road Major Activity Centre Open Space Analysis & sub-precincts

**Table 7.4(iii) Glenferrie Road Major Activity Centre sub-precinct open space analysis**

*Refer to Figure 7.4~5 for the location of each of these sub-precincts*

Sub-precinct	Description	Conclusions for Glenferrie Road Major Activity Centre sub-precincts
GR1	<p>Barkers Road defines the north, the railway defines the south, Power Street defines the west and Glenferrie Road defines the east of this sub-precinct. The majority of open space for the activity centre is located in this sub-precinct. Future change will occur primarily along Glenferrie Road and redevelopment of a strategic site located on Barkers Road just north of the activity centre and on land that was formerly part of the Hawthorn to Kew railway line. Grace Park is currently well used and provides for a diversity of needs, while Glenferrie Oval mainly comprises restricted open space with a fenced oval, the Hawthorn Aquatic &amp; Leisure Centre and associated parking. LE Bray Reserve provides a north-south linear open space link to the strategic site on Barkers Road, and potentially north to the Kew Junction Activity Centre.</p>	<ul style="list-style-type: none"> <li>• There is adequate provision of open space for the existing population, however the forecast increased population in both Glenferrie Road and West Hawthorn Activity Centres will potentially generate the need for additional open space and upgrade to existing facilities.</li> <li>• There is a need to improve the linear open space connections to existing open space within this precinct given it may need to provide for the forecast increased population in Glenferrie Road and West Hawthorn Activity Centres. This includes a potential change of use to achieve a green open space link between Grace Park and Glenferrie Oval, and north to LE Bray Reserve and north to Kew Junction as illustrated in Figure 7.4~5.</li> <li>• Establish Local open space facilities within the Glenferrie Oval Reserve within easy access of Glenferrie Road and sub-precinct GR2. These additional facilities for informal and unstructured local use are to cater primarily for the forecast population and are additional to the works outlined in the existing Concept Master Plan (2009). Upgrade to the pedestrian connection from Glenferrie Road through the car park/open space as identified in the 2009 Glenferrie Oval Concept Master Plan is supported.</li> </ul>
GR2	<p>The railway defines this sub-precinct to the north, Burwood Road to the south, Power Street to the west and Glenferrie Road to the east. There is no open space located within this sub-precinct, with Glenferrie Oval and Grace Park being accessible either via the railway underpass and the footpath network without crossing major roads. This sub-precinct is located in the West Hawthorn Activity Centre, which is identified as continuing to be developed primarily as a mixed-use zone. The church at the corner of Burwood Road and Glenferrie Road is</p>	<ul style="list-style-type: none"> <li>• The nearest open spaces outside of this sub-precinct are Grace Park, Glenferrie Oval and LE Bray Reserve, all located north of the railway in GR1. Access is via the road network and a pedestrian underpass. The forecast population will place additional demand on the open space in GR1. More specifically, Glenferrie Oval reserve will need to be upgraded to provide unstructured and informal facilities additional to the works outlined in the 2009 Concept Master Plan. Improving the safety and accessibility of the pedestrian</li> </ul>

Sub-precinct	Description	Conclusions for Glenferrie Road Major Activity Centre sub-precincts
	the only ancillary open space in this sub-precinct.	<p>underpass into Glenferrie Oval and Lynch Street will also be required in the eastern end of the sub-precinct.</p> <ul style="list-style-type: none"> <li>The population in the western end of this sub-precinct is likely to access Grace Park via Lynch Street and Power Street. Pedestrian accessibility on Lynch Street requires improvement to make an easier connection to Grace Park.</li> </ul>
<b>GR3</b>	Burwood Road defines the northern boundary of this sub-precinct, with smaller residential streets defining the west, Riversdale Road the south and Glenferrie Road the east. No existing open space reserves are located in the sub-precinct, with Hawthorn Library Reserve on the east side of Glenferrie Road being the closest open space for this sub-precinct. Glenferrie Primary School is located in this sub-precinct, which has multi-purpose courts but no oval or open grassed area that residents could potentially use.	<ul style="list-style-type: none"> <li>There is inadequate provision of open space within this sub-precinct.</li> <li>Provide an additional Local open space within this sub-precinct to cater to both the existing and forecast population.</li> <li>The additional Local open space will need to be accessible to all the sub-precinct including the forecast development along Burwood Road.</li> </ul>
<b>GR4</b>	Barkers Road defines the precinct to the north, the railway defines it to the south, Glenferrie Road to the west and Auburn Road to the east. Central Gardens is the main open space in this sub-precinct and is the most visited open space in Hawthorn. Three other Small Local open spaces are located to the north and east of the sub-precinct catering to existing need. Swinburne University of Technology is located in this sub-precinct with high density use and there is potential for this to continue to expand.	<ul style="list-style-type: none"> <li>The existing open space is at capacity with many additional facilities being requested in Central Gardens.</li> <li>An additional Small Local open space is required in close proximity to the high-density area near Swinburne University of Technology. The future design of open space will address the 18 to 25 year age range to maximise its appeal and use by the nearby population.</li> <li>Upgrade Hull Street and Elphin Street Reserves to meet the needs of an older age group. These works are required for both the existing and the forecast population.</li> </ul>
<b>GR5</b>	With the railway to the north, Glenferrie Road to the west, Burwood Road to the south and Auburn Road to the east, this sub-precinct has no open space. Central Gardens is located within 400 metres to the north of this sub-precinct and is accessible via off-road links including a pedestrian underpass. The land use within this sub-precinct is mixed use with a substantial area of the Swinburne University of Technology.	<ul style="list-style-type: none"> <li>Continue to ensure safe pedestrian access from this sub-precinct to the existing and proposed open space to the north (sub-precinct GR4) is retained.</li> </ul>

Sub-precinct	Description	Conclusions for Glenferrie Road Major Activity Centre sub-precincts
<b>GR6</b>	Defined by Burwood Road to the north, Glenferrie Road to the west Riversdale Road to the south and Auburn Road to the east, this sub-precinct includes a Neighbourhood and a number of Small Local open spaces. Future population growth is likely to be focussed to the north and west of this sub-precinct along Glenferrie and Burwood Roads. MCC & Bowling open space and the Hawthorn Library Reserve are two open spaces located close to Glenferrie and Burwood Roads. The other open spaces include Dean Avenue Reserve and Scullin Park, with Appian Way as a linear link.	<ul style="list-style-type: none"> <li>• The existing community is reasonably well provided for, however, the MCC &amp; Bowling open space has the potential to provide for informal use including by the forecast population.</li> <li>• Major upgrade to MCC &amp; Bowling open space will be required to provide for informal recreational use and investigating the potential to secure an open space link between MCC &amp; Bowling and the Hawthorn Library Reserve to achieve improved connectivity and use of both open spaces.</li> <li>• Given the presence of heritage overlays over much of the remainder of this sub-precinct, forecast population growth would be minimal.</li> <li>• There is a gap in open space provision immediately east of this sub-precinct. Refer to H-5 in the Gap analysis table for further conclusions.</li> </ul>

Refer to Section 7.4.5 for the Actions to implement the conclusion.

### 7.4.3c Level 2 Neighbourhood Activity Centres (NAC) in Hawthorn

Refer to Figure 7.4~3 for location.

#### West Hawthorn NAC

This Centre is wholly located in Hawthorn precinct and supports increased mixed use associated with the land along the north and south sides of Burwood Road. An Urban Design Framework was prepared for this Activity Centre in Oct 2006. The forecast additional residential population in this Centre is in the order of 820 people, with some of this population located in the Glenferrie Road Major Activity Centre and discussed in Section 7.4.3b. West of Power Street the forecast population would utilise Morang Road Reserve and place increased demand for facilities in that open space. There is also potential for an additional Small Local open space to be provided west of the railway line and south of Burwood Road to cater to both the existing population and the forecast population as a result of redevelopment.

### 7.4.3d Level 3 Neighbourhood Activity Centres (NAC) in Hawthorn

Refer to Figure 7.4~3 for locations.

The four Level 3 Neighbourhood Activity Centres include:

#### Auburn Village NAC

Located on Auburn Road primarily north of Burwood Road and a small section south, it is anticipated that the centre will accommodate limited additional

development ensuring the heritage character is retained. It is forecast that the additional population of 67 residents and some non-resident population would place additional demand on facilities in Central Gardens.

#### **Church Street NAC**

Located on Church Street north of Burwood Road to Barkers Road this Activity Centre is located entirely within Hawthorn and forecast to have an additional 203 residents by 2026. Smart Street Reserve and Mason Street Reserve are both within walking distance east of this Activity Centre and to the west Pridmore Park is within walking distance. The forecast increased population in this Centre would place additional demand on facilities in all these reserves.

#### **Glenferrie Hill NAC**

Located at the intersection of Riversdale and Glenferrie Roads, there is no open space within easy walking distance of the activity centre. This Centre is forecast to have an additional resident population of 116 by 2026. The open space needs of the existing and forecast population will be addressed with additional open space in the Gap Areas H-2, H-6 and the Glenferrie Road Major Activity Centre sub-precinct GR3.

#### **Riversdale Village NAC**

Riversdale Village is located to the eastern end of Riversdale Road in Hawthorn, at the intersection with Auburn Road and is forecast to have an additional 128 residents by 2026. There is no open space within easy walking distance of Riversdale Village and the open space needs of the existing and forecast population will be addressed in the Recommendations for Gap Area H6.

### **7.4.3e Remainder of suburb and Local Activity Centres (LAC)**

There is only one Local Activity Centre in Hawthorn:

- Auburn Road and Bills Street Centre

The total forecast additional residential population for this suburb outside of the activity centres is in the order of 298 people. Of these, a significant number are forecast to be located in the Strategic Site noted in the land use trend diagram on Barkers Road, refer Figure 7.4~3. The forecast open space needs for the Strategic Site have been described in Glenferrie Road Activity Centre sub-precinct GR1. The remaining forecast additional population will utilise various existing areas of open space, placing demand on their facilities. They will also benefit from the provision of additional open space in existing gap areas described in Table 7.4(iv).

## 7.4.4 Gaps in open space distribution in Hawthorn

There are some gaps in the distribution of open space in Hawthorn. Each of these gap areas have been numbered and illustrated diagrammatically in Figure 7.4~6 with the brief analysis and conclusions for each gap areas described in Table 7.4(iv) below.

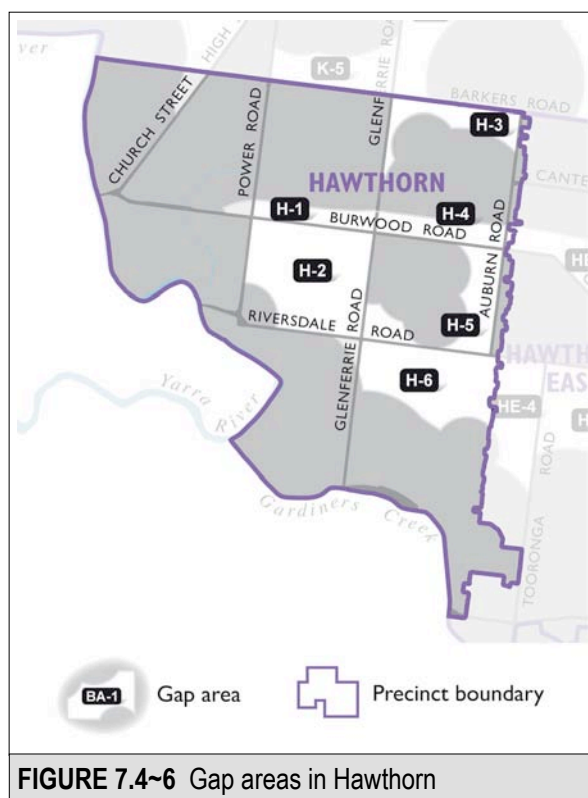


FIGURE 7.4~6 Gap areas in Hawthorn

**Table 7.4(iv) Open space gap areas for Hawthorn**

Gap area	Description	Conclusions for gap areas in Hawthorn
H-1	Located between the Railway and Burwood Road, bounded to the west by Power Street and the east by Glenferrie Road.	<ul style="list-style-type: none"> <li>Refer to description and conclusion in Glenferrie Road Activity Centre sub-precinct GR2.</li> </ul>
H-2	This gap area is east of Power Street, south of Burwood Road.	<ul style="list-style-type: none"> <li>Refer to description and conclusion in Glenferrie Road Activity Centre sub-precinct GR3</li> </ul>
H-3	Located south of Barkers Road between Glenferrie Road and Auburn Road, this gap area is partially located within walking distance of the Glenferrie Road Major Activity Centre. The remaining area includes heritage overlays and is not anticipated to receive substantial change.	<ul style="list-style-type: none"> <li>This gap area will be partially addressed by the proposed improvements to the existing open spaces south of this area as described in sub-precinct GR4.</li> <li>Assess and where required improve the pedestrian amenity of footpaths in the local residential streets to increase accessibility to open space located south of this gap area.</li> </ul>
H-4	Located between the railway and Burwood Road, east of Glenferrie Road extending to Auburn Road.	<ul style="list-style-type: none"> <li>Refer to the description and conclusion in Glenferrie Road Major Activity Centre sub-precinct GR5.</li> </ul>
H-5	Located west of Auburn Road and north of Riversdale Road, this gap area coincides with part of Riversdale Village Neighbourhood Activity Centre.	<ul style="list-style-type: none"> <li>There is a need to provide additional Small Local open space within this Gap area to address both the existing open space needs, and those of the forecast population in the Riversdale Village</li> </ul>

Gap area	Description	Conclusions for gap areas in Hawthorn
		Neighbourhood Activity Centre.
H-6	Bounded to the north by Riversdale Road, extending between Glenferrie Road and Auburn Road, this Gap area includes the Riversdale Village NAC and the Glenferrie Hill Local Activity Centre.	<ul style="list-style-type: none"> <li>Investigate the potential to provide an additional Small Local open space in an accessible location given the street layout is dominated by north south streets, for both the existing and forecast population in this gap area.</li> </ul>

## 7.4.5 Hawthorn Actions

### 7.4.5a Summary of overall intent for open space in Hawthorn

#### Provision and distribution

North of Burwood Road Hawthorn is generally well provided for with a diversity of open space, while south there are some gaps throughout the central area that will be supplemented with additional open space to improve accessibility for the existing and forecast population. Connectivity between the linear open space along the Yarra River will be improved with the provision of a continuous open space link between Barkers Road and Burwood Road. The need for a long-term open space and improved habitat corridor link along the Yarra between Burwood Road and Morang Road Reserve is required, however, it is acknowledged this is not easily achieved over the 15 year timeframe of this Strategy.

#### Quality and design

There is potential to improve the environmental values and recreational quality of the open space along the Yarra River. This includes continuing existing riparian revegetation programs, and works to improve the condition and connectivity of path systems through the linear open space. Other actions will achieve an increase in the quality and design of the Small Local open space with consideration of these smaller spaces as systems of open space that complement each other with facility provision, particularly in catering to the forecast population in this precinct.

### 7.4.5b Precinct Actions for Hawthorn

The priorities shown in the Action tables are indicative only. The priorities provide guidance on the expected sequence and timeframes for the commencement of actions and may change pending the allocation of suitable funding and resources, along with the actual rate and location of forecast future land use trends and development. Many of the actions will be staged and delivered over a number of years extending beyond the timeframe in which they commenced.

#### A Additional open space

No.	Action	Responsibility	Priority
7.4A-1	Convert at least part of car park in LE Bray Reserve to open space to provide off-road shared trail access	Council	Very High

No.	Action	Responsibility	Priority
	between Grace Park/Glenferrie Oval and LE Bray Reserve, for the existing and forecast population. This is consistent with the existing 2009 Concept Master Plan for this reserve, and no allowance for purchase of additional open space has been included.		
7.4A-2	Provide additional Small Local open space at the northern end of LE Bray Reserve to provide an open space link north to Barkers Road and into the Kew Junction Activity Centre. This includes liaison with the Strategic Site on Barkers Road, noted on the Glenferrie Road Major Activity Centre Open Space Analysis Diagram Fig 7.4~5. This open space link is required for both the existing and forecast population.	Council & Developer	Very High
7.4A-3	Provide an additional Local open space in Glenferrie Road Major Activity Centre sub-precinct GR3 for the existing and forecast population.	Council & Developer	High
7.4A-4	Additional Small Local open space in Glenferrie Road Major Activity Centre sub-precinct GR4, primarily for the forecast population.	Council & Developer	High
7.4A-5	Additional Small Local open space to address the Gap Area H-5, for both the existing and forecast population.	Council & Developer	High
7.4A-6	Additional Small Local open space to address the Gap Area H-6, for both the existing and forecast population.	Council & Developer	High

## B Open space links

No.	Action	Responsibility	Priority
7.4B-1	Support where possible the purchase of the land identified in the existing PAO1 and PAO2 in the Planning Scheme to achieve a continuous open space corridor from Barkers Road south to Burwood Road Reserve, south of Burwood Road.	DSE (Council)	Ongoing
7.4B-2	Investigate the long term options and feasibility to achieve a continuous open space link between Fairview Park and Scotsburn Street Reserve.	Council (DSE)	Low
7.4B-3	Investigate long term options and feasibility to achieve an open space corridor downstream from Burwood Road Reserve to Morang Road Reserve.	Council (DSE)	Low
7.4B-4	Improve the pedestrian amenity and safety in Lynch Street and the railway underpass to facilitate safe access to Grace Park and Glenferrie Oval from Glenferrie Road Major Activity Centre sub-precinct GR2.	Council	Very High
7.4B-5	Assess and improve pedestrian amenity where required in Gap area H-3 to improve access via the local residential streets to open space located south of this gap area.	Council	High

### 7.4.5c Individual open space Actions for Hawthorn

The reserves are listed in alphabetical order in each hierarchy type.

#### C Regional open space

No.	Action	Responsibility	Priority
7.4C-1	<b>Burwood Road Reserve</b> Continue to maintain existing use retaining the long- term option of achieving a shared trail link from this reserve south along the Yarra River.	Council	Ongoing
7.4C-2	<b>Fairview Park</b> Prepare and implement a conservation management plan for this Park to guide ongoing management of this open space and improvements to the environmental condition with additional riparian zone revegetation where possible. The extent of the conservation management plan is to include Warren Road Reserve.	Council	Medium
7.4C-3	<b>HA Smith Reserve</b> Implement the 2009 Concept Master Plan for this reserve, including the works to improve the unstructured recreation facilities.	Council	Ongoing
7.4C-4	<b>Harrison Crescent Reserve</b> Review the need for canoe launch ramp at the base of the stairs, and consider relocation to a more accessible location - eg. Pridmore Park.	Council	High
7.4C-5	<b>Muir Street Reserve</b> This open space is linked to Pridmore Park, refer to Pridmore Park (7.4C-7) for recommendations.	Refer 7.4C-7	Refer 7.4C-7
7.4C-6	<b>Patterson Reserve</b> Continue to maintain for existing sporting use and shared trail access.	Council	Ongoing
7.4C-7	<b>Pridmore Park</b> Prepare a concept master plan for this open space including Muir Street Reserve. The Plan is to address improved all-ability access, environmental values and unstructured recreational use for both the existing and forecast population.	Council	High
7.4C-8	<b>Scotsburn Street Reserve</b> Upgrade this open space once it is connected to the linear open space system and potentially receives higher levels of use. In the interim, improve riparian zone values of the Yarra River.	Council	Medium
7.4C-9	<b>Wallen Reserve</b> Continue to maintain existing use, with assessment of the heritage value of the older stone stair and associated rockery access point from Riversdale Road and undertake any necessary repairs and upgrade consistent with any identified values.	Council	Medium
7.4C-10	<b>Wurundjeri Gardens</b> Improve access to this open space to clearly highlight it	Council	High

No.	Action	Responsibility	Priority
	being part of the linear public open space system. Improve the environmental values of the riparian zone.		
7.4C-11	<b>Yarra Bank Reserve</b> Prepare and implement a conservation management plan for this Park to guide ongoing management of this open space and improvements including reviewing the need for public vehicle access and parking in this reserve.	Council	Medium
7.4C-12	<b>Yarra Street Land (Extension)</b> To be retained until future opportunities arise for expansion of the continuous open space link.	Council	Ongoing

#### D Municipal open space

No.	Action	Responsibility	Priority
7.4D-1	<b>Auburn Quarry Reserve (John Gardiner Reserve)</b> Continue to support primarily for sporting use.	Dept of Education	Ongoing
7.4D-2	<b>Glenferrie Oval</b> Establish new informal recreational facilities in Glenferrie Oval Reserve accessible to the forecast population in sub-precinct GR2 and GR1. These works are additional to works shown in the Glenferrie Oval Concept Master Plan (2009). Prior to continuing to implement the 2009 Concept Master Plan for this reserve, investigate the need to prepare a Conservation Management Plan for Glenferrie Oval as part of Grace Park– refer Action 7.4E-3.	Council	High & Ongoing
7.4D-3	<b>Hawthorn Hockey Centre</b> Continue to retain the space primarily for structured sporting use.	Council	Ongoing
7.4D-4	<b>MCC Bowling Club &amp; Hawthorn tennis</b> Prepare a landscape design plan for this open space that currently has only restricted access to tennis and bowling facilities. Investigate the potential to include unstructured recreational use within this open space and links to the Hawthorn Library Reserve. This is primarily to cater to the forecast population in the Glenferrie Road Major Activity Centre. Refer also to Action 7.4G-6.	Council	Very High
7.4D-5	<b>St James Park</b> Prepare and implement a conservation management plan for this Park to guide ongoing management of the open space. Once completed, investigate provision of additional informal recreational facilities consistent with the conservation management plan intent. In the longer term, consider relocating the playground further east into the main area of the park so that it is more accessible from other park facilities including access to the open grassed areas.	Council	High

## E Neighbourhood open space

No.	Action	Responsibility	Priority
7.4E-1	<p><b>Central Gardens</b></p> <p>Prepare a conservation management plan for this reserve. Central Gardens is already popular, and being located close to the Glenferrie Road Major Activity Centre it is forecast that use will continue to increase. The conservation management plan will need to address this increased use to ensure protection of this highly valued open space. A concept master plan may be required to guide the future design works, pending outcomes of the conservation management plan.</p>	Council	Very High
7.4E-2	<p><b>Creswick Street Reserve</b></p> <p>Prepare and implement a conservation management plan for this Park to guide ongoing management of this open space. Utilise the conservation management plan to guide appropriate design to create a more useable open space that can promote the heritage values, views and high level of horticultural attention and maintenance afforded to this open space.</p>	Council	Very High
7.4E-3	<p><b>Grace Park</b></p> <p>Investigate the need for a conservation management plan for Grace Park, Glenferrie Oval and LE Bray Reserve, identified to have some heritage significance. If required, this will guide ongoing management and implementation of the existing 2009 Concept Master Plan within the context of the existing and forecast population in this precinct. Refer also to actions 7.4D-2, 7.4E-4, 7.4F-2 and 7.4F-3.</p>	Council	High & Ongoing
7.4E-4	<p><b>L E Bray Reserve - Mary Street to Kinkora Road</b></p> <p>Prior to continuing to implement the existing 2009 Concept Master Plan for this open space, investigate the need for the a conservation management plan as part of the Grace Park/Glenferrie Oval precinct in Action 7.4E-3.</p>	Council	High & Ongoing
7.4E-5	<p><b>Morang Road Reserve</b></p> <p>Prepare and implement a conservation management plan for this open space, and guide the future preparation of an appropriate design to identify opportunities to cater to the open space needs of the forecast population.</p>	Council	High
7.4E-6	<p><b>Smart Street Reserve</b></p> <p>Minor upgrade to cater to the increased use of the forecast population in the area.</p>	Council	Medium

## F Local Open Space

No.	Action	Responsibility	Priority
7.4F-1	<p><b>Fashoda Street Reserve</b></p> <p>Continue to maintain this open space.</p>	Council	Ongoing

No.	Action	Responsibility	Priority
7.4F-2	<b>L E Bray Reserve - Chrystobel Cres to Mary Street</b> Prior to continuing to implement the existing 2009 Concept Master Plan for this open space, investigate the need for the a conservation management plan as part of the Grace Park/Glenferrie Oval precinct in Action 7.4E-3.	Council	High & Ongoing
7.4F-3	<b>L E Bray Reserve - Kinkora Rd to Hawthorn Grove</b> Prior to continuing to implement the existing 2009 Concept Master Plan for this open space, investigate the need for the a conservation management plan as part of the Grace Park/Glenferrie Oval precinct in Action 7.4E-3.	Council	High & Ongoing
7.4F-4	<b>Mason Street Reserve</b> Minor upgrade to cater to forecast increased use of this reserve.	Council	Medium

## G Small Local Open Space

No.	Action	Responsibility	Priority
7.4G-1	<b>Appian Way</b> Continue to maintain as a service easement and linear open space link	Council	Ongoing
7.4G-2	<b>Auburn Road Reserve</b> Investigate options to increase the potential use of this open space with redesign and protection from the road, if forecast increased population in this area occurs.	Council	Medium
7.4G-3	<b>Berkeley Street Reserve</b> This open space is proposed to be incorporated into HA Smith Reserve as part of the existing Concept Master Plan. Refer to Action 7.4C-3.	Refer 7.4C-3	Refer 7.4C-3
7.4G-4	<b>Dean Avenue Reserve</b> Continue to maintain open space with additional shade trees to the northern boundary.	Council	Ongoing
7.4G-5	<b>Elphin Grove Reserve</b> Upgrade this open space to cater to a young adult and older age group for the existing and forecast population in proximity to the Glenferrie Road Major Activity Centre. This reserve is to continue to provide different facilities and character than those provided at Hull Street Reserve to ensure complementary facilities in these two Small Local open space reserves with a similar catchment. Refer to Action 7.4G-7	Council	High
7.4G-6	<b>Hawthorn Library Reserve</b> Implement the current Concept Design Plan for this open space. Investigate opportunities to address impact of traffic noise from Glenferrie Road and achieve a future open space link to MCC Bowling & Hawthorn Tennis Reserve - refer Action 7.4D-4	Council	Very High

No.	Action	Responsibility	Priority
7.4G-7	<b>Hull Street Reserve</b> Upgrade open space to expand the play facility to provide for the existing and forecast population. This reserve is to continue to provide different facilities and character than those provided at Elphin Grove Reserve to ensure complementary facilities in these two Small Local open space reserves with a similar catchment. Refer to Action 7.4G-5	Council	High
7.4G-8	<b>Illawarra Road Reserve</b> Continue to maintain with potential to provide additional seating and planting to screen adjoining rear boundary fencelines.	Council	Low
7.4G-9	<b>Kooyongkoot Road Reserve</b> Review the design of this open space to potentially better meet the local community open space needs given there are adequate structured sporting facilities in HA Smith and Patterson Reserves.	Council	Medium
7.4G-10	<b>Riversdale Corner</b> Continue to maintain as a 'gateway' site to the City of Boroondara with maintenance of horticultural display, however review of ongoing resources assigned to this may require review in the future.	Council	Ongoing
7.4G-11	<b>Riversdale Road Reserve</b> Continue to maintain this open space including mature established native trees.	Council	Ongoing
7.4G-12	<b>Scotch Circuit Reserve</b> Continue to maintain this open space for local needs.	Council	Ongoing
7.4G-13	<b>Scullin Park</b> Continue to maintain this open space for local needs.	Council	Ongoing
7.4G-14	<b>Toorak Road Reserve</b> Continue to maintain this site as a linking space for shared trail and 'gateway' entry to Boroondara.	Council	Ongoing

## H Small Local Link

No.	Action	Responsibility	Priority
7.4H-1	<b>Power Avenue Reserve</b> Continue to maintain as a local link.	Council	Ongoing