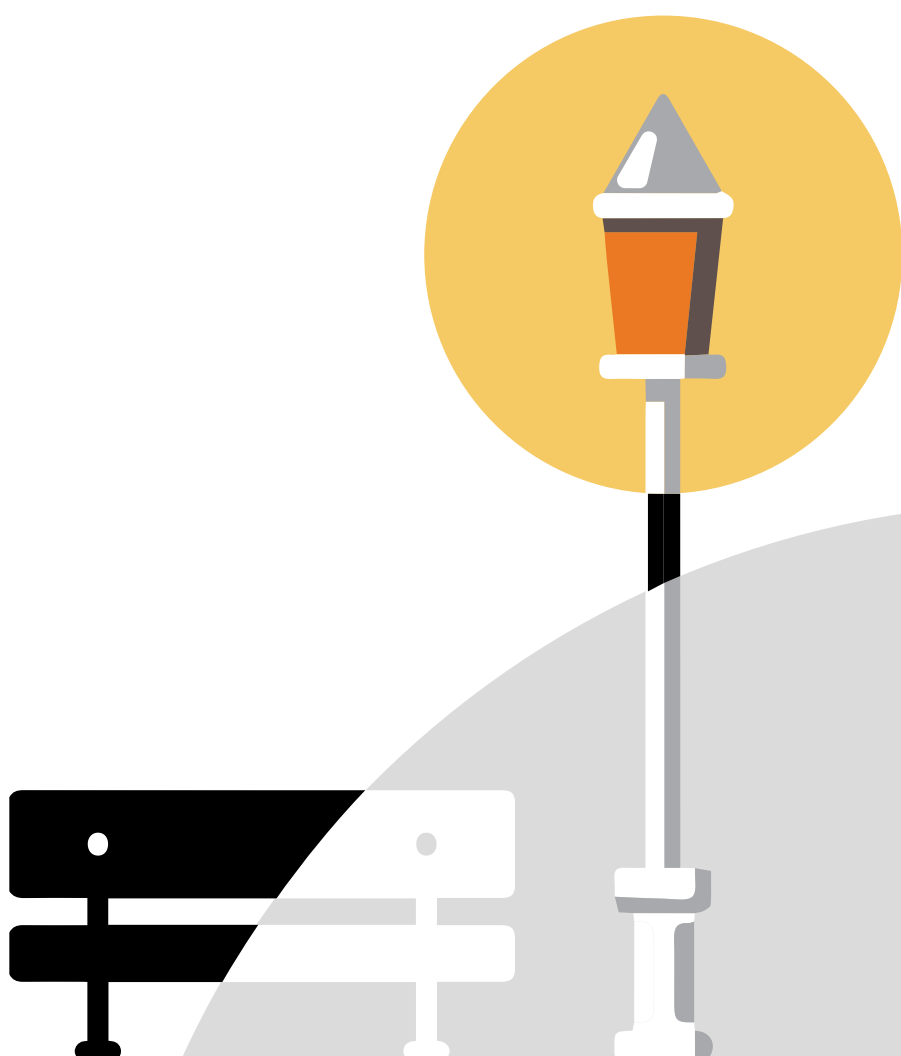


# PUBLIC REALM ASSET MANUAL

CITY OF BOROONDARA



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# 1 INTRODUCTION

## 1.1 PURPOSE

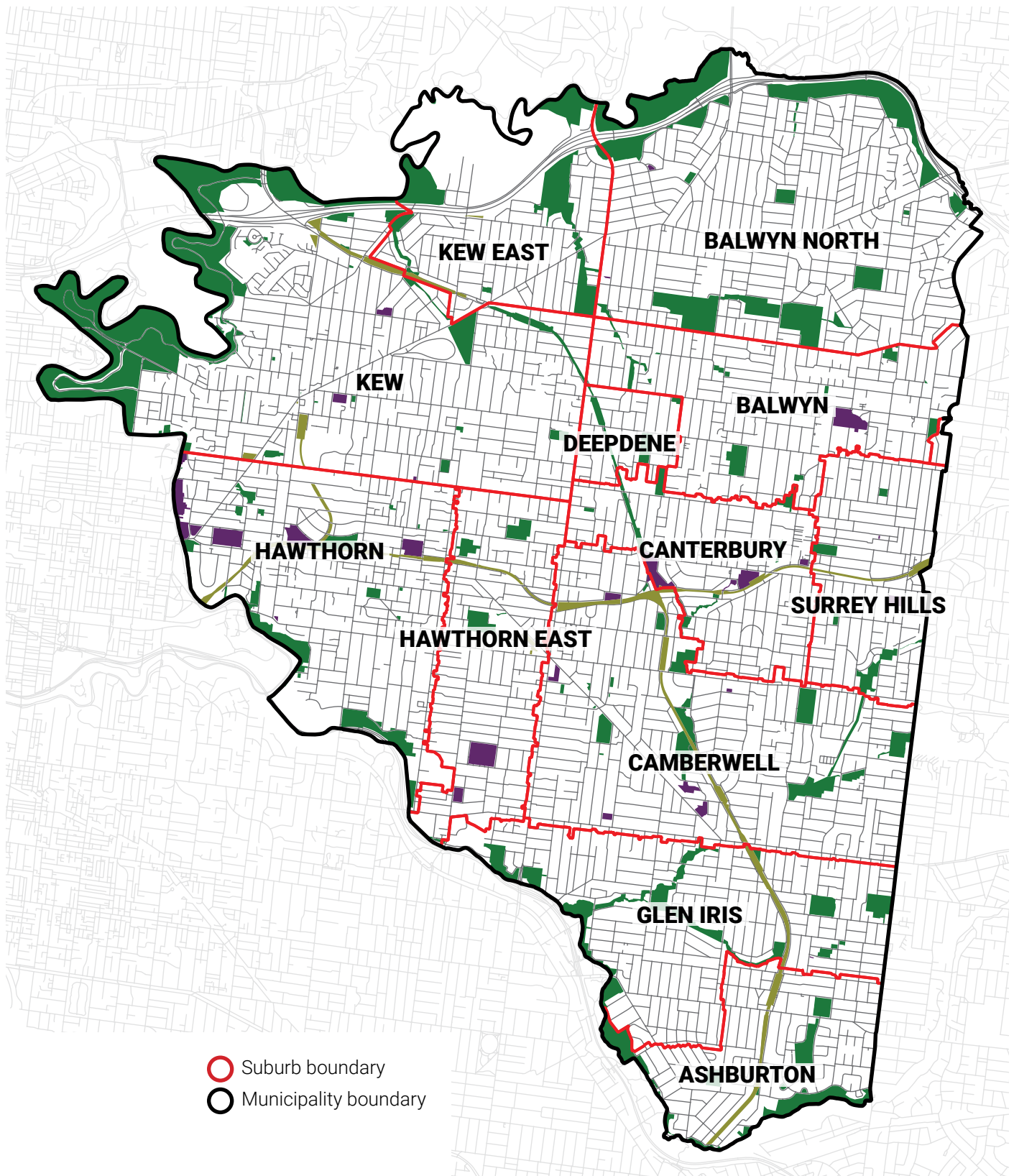
The Public Realm Asset Manual (PRAM) provides direction for replacement and implementation of furniture assets across the municipality of Boroondara. This strategy commits to the highest standards of accessibility and presentation of our open space assets, as well as recycling, upcycling, and the re-use of materials wherever possible (aligning with the expectations of the Boroondara community).

This document includes park classifications, a furniture palette for parks and streetscapes and siting principles to locate assets in open space.

# 1 INTRODUCTION

## 1.2 PUBLIC REALM ASSET MANUAL EXTENT

This Public Realm Asset Manual applies to all public open space areas within the municipality of Boroondara.





# 1 INTRODUCTION

## 1.3 PARK TYPES BY SUBURB

The park types nominated in this section are classified as either 'Reserve' or 'Formal'. Section 2 of this document notes the nominated furniture style associated with these park classifications. Should existing park furniture not align with the specified park type classification, a site inspection and decision should be made based on the prevailing character of the area.

### ASHBURTON



The suburb of Ashburton has a predominately native streetscape and park landscape character.

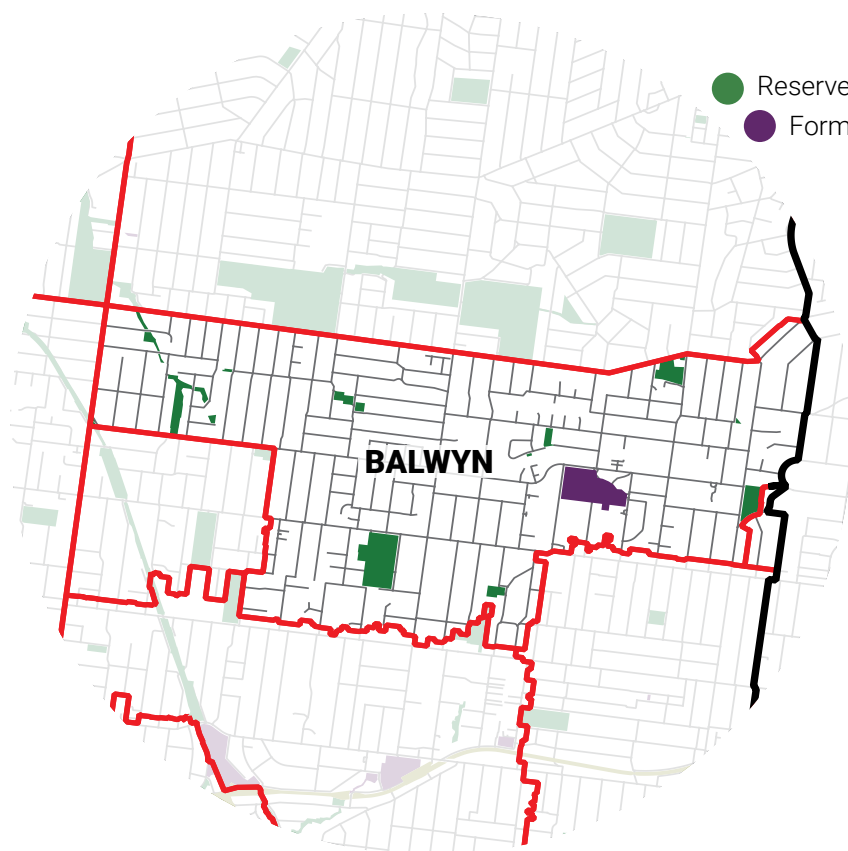
The majority of open space in this suburb is designated for active use through the variety of sporting reserves and the bicycle corridor to the south (Gardiners Creek Corridor).

PARK NAME	PARK TYPE	FURNITURE STYLE
Alamein Community Garden	Reserve/park	Reserve
Ashburn Grove Road Reserve	Reserve/park	Reserve
Ashburton Park	Reserve/park	Reserve
Dorothy Laver Reserve	Reserve/park	Reserve
Dunlop Street Reserve	Reserve/park	Reserve
June Crescent Reserve	Reserve/park	Reserve
Markham Reserve	Reserve/park	Reserve
OCLP Yuile St to Ryburne Av	Pedestrian way	Reserve
Pitt Street Reserve	Reserve/park	Reserve
Ryburne Avenue Reserve	Reserve/park	Reserve
Warner Reserve	Reserve/park	Reserve
Watson Park	Reserve/park	Reserve
Winton Road Reserve	Reserve/park	Reserve

# 1 INTRODUCTION

## 1.3 PARK TYPES BY SUBURB

### BALWYN



- Reserve / parkland / sporting oval
- Formal Garden

The suburb of Balwyn has a predominately native streetscape and park landscape character.

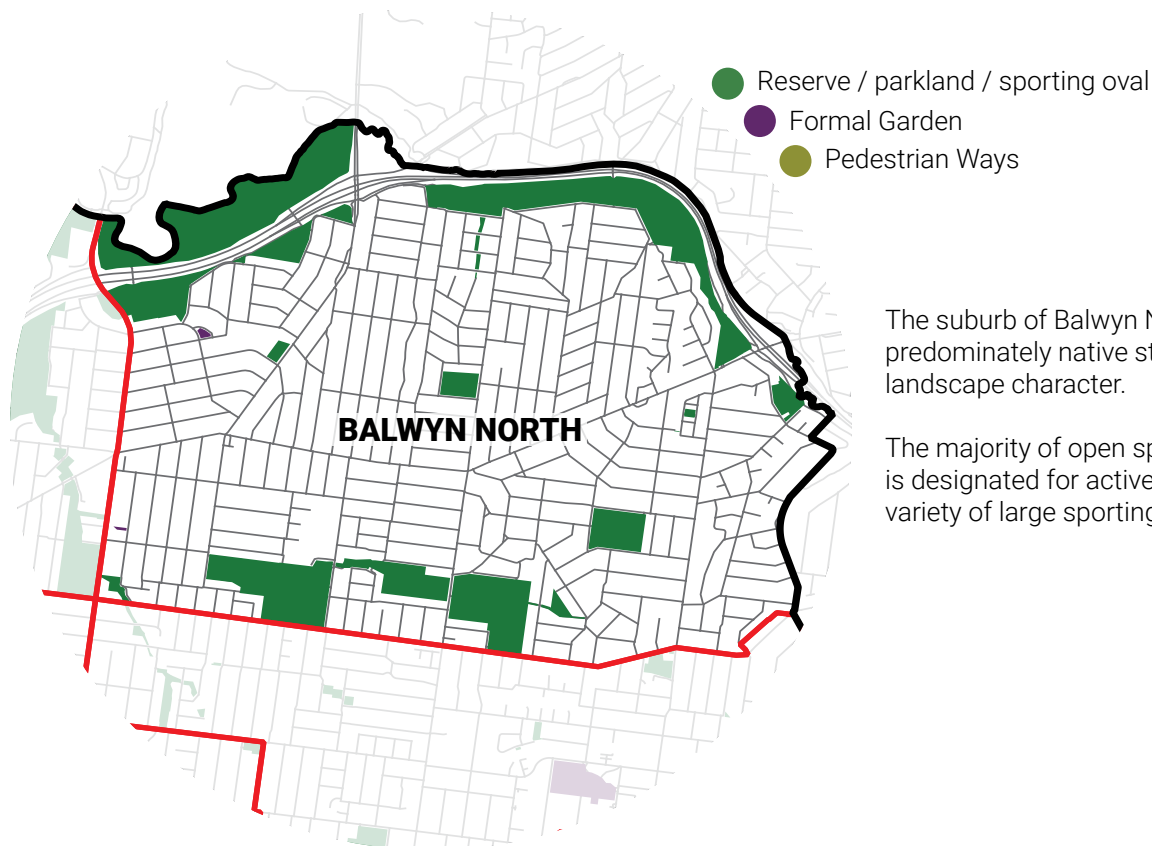
The majority of open space in this suburb is designated for passive recreational use through a variety of parks and gardens.

PARK NAME	PARK TYPE	FURNITURE STYLE
Balwyn Park	Reserve/park	Reserve
Beckett Park	Formal	Formal
Hilda Street Reserve	Reserve/park	Reserve
King Street Chain - Birdwood St South Side to Belmore Rd	Reserve/park	Reserve
King Street Chain - Naroo Street Reserve	Reserve/park	Reserve
Linckens Crescent Reserve	Reserve/park	Reserve
Minifie Park	Reserve/park	Reserve
Mont Albert Park	Reserve/park	Reserve
Nott Street Reserve	Reserve/park	Reserve
Nungerner Street Land	Reserve/park	Reserve
Winmallee Road Reserve	Reserve/park	Reserve
Maranoa Gardens	Formal	Formal

# 1 INTRODUCTION

## 1.3 PARK TYPES BY SUBURB

### BALWYN NORTH



The suburb of Balwyn North has a predominately native streetscape and park landscape character.

The majority of open space in this suburb is designated for active use through the variety of large sporting reserves.

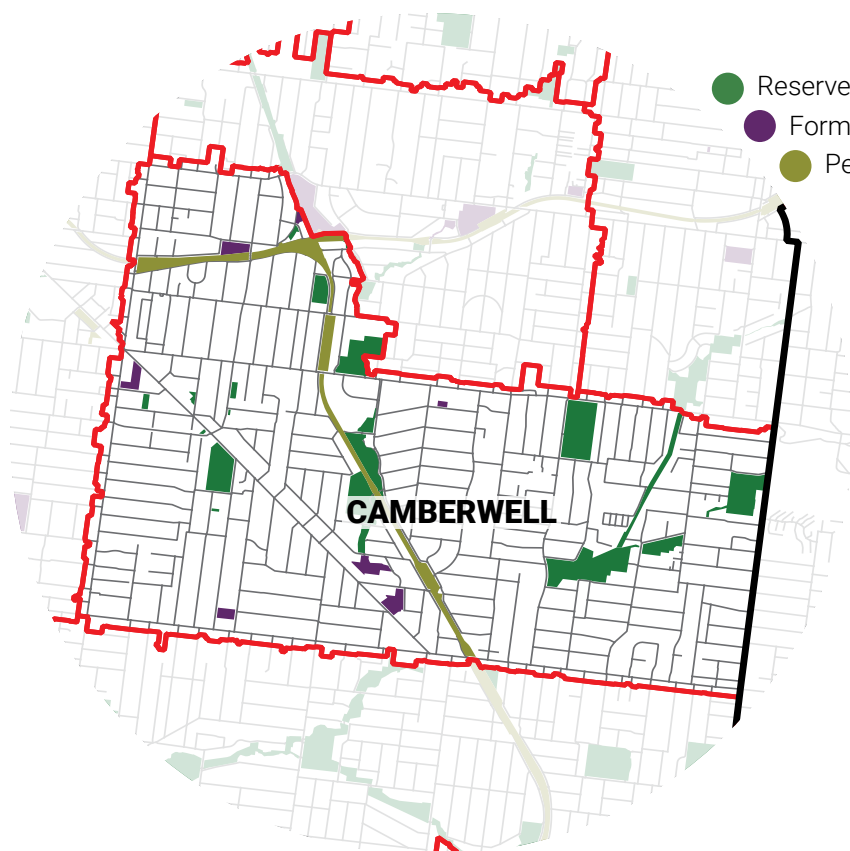
PARK NAME	PARK TYPE	FURNITURE STYLE
Cascade Street Reserve	Formal	Formal
Columba Street Reserve	Reserve/park	Reserve
Eva Tilley Reserve	Formal	Formal
Gordon Barnard Reserve	Reserve/park	Reserve
Greythorn Park	Reserve/park	Reserve
Hislop Park	Reserve/park	Reserve
Jacka Street Reserve	Reserve/park	Reserve
King Street Chain - Belmore Rd to Burke Rd	Reserve/park	Reserve
Koonung Creek Reserve	Reserve/park	Reserve
Kosciusko Street Chain - Gould St to Kosciusko Rd	Reserve/park	Reserve
Kyora Parade Reserve	Reserve/park	Reserve
Leigh Park	Reserve/park	Reserve
Leonis Avenue Reserve	Reserve/park	Reserve
Macleay Park	Reserve/park	Reserve

PARK NAME	PARK TYPE	FURNITURE STYLE
Musca Street Reserve	Reserve/park	Reserve
Myrtle Park	Reserve/park	Reserve
Ray Drive Reserve	Reserve/park	Reserve
Rumpf Avenue Reserve	Reserve/park	Reserve
Winfield Road Reserve	Reserve/park	Reserve
Yarra Flats Reserve	Reserve/park	Reserve

# 1 INTRODUCTION

## 1.3 PARK TYPES BY SUBURB

### CAMBERWELL



- Reserve / parkland / sporting oval
- Formal Garden
- Pedestrian Ways

The suburb of Camberwell has an exotic streetscape and park landscape character, transitioning to native species to the eastern boundary.

There is an even distribution of open space types in this suburb such as sporting reserves, parks, pedestrian ways and formal gardens.

PARK NAME	PARK TYPE	FURNITURE STYLE	PARK NAME	PARK TYPE	FURNITURE STYLE
Allambee Ave Reserve	Formal	Formal	Lynden Park	Reserve/park	Reserve
Avenue Road Reserve	Reserve/park	Reserve	Murdoch Street Reserve	Reserve/park	Reserve
Bowen Gardens	Formal	Formal	Nelson Road Reserve	Reserve/park	Reserve
Brinsley Road Reserve	Reserve/park	Reserve	OCLP - Matlock Reserve	Reserve/park	Reserve
Camberwell Road Reserve	Reserve/park	Reserve	OCLP 01 - Myrtle Road Reserve (North of Warburton Rd)	Reserve/park	Reserve
Camberwell Road and Seymour Grove Reserve	Reserve/park	Reserve	OCLP R - Hartwell Station Reserve	Reserve/park	Reserve
Camberwell Sports Ground	Reserve/park	Reserve	OCLP - Hartwell Hill Rd to Toorak Rd	Pedestrian ways	Reserve
Cooper Reserve	Reserve/park	Reserve	Radnor Street Reserve	Reserve/park	Reserve
Cornell Street Reserve	Reserve/park	Reserve	Read Gardens	Formal	Formal
Fairmont Avenue Reserve	Formal	Formal	Riversdale Park	Reserve/park	Reserve
Fordham Avenue Road Reserve	Reserve/park	Reserve	Sefton Place Reserve	Reserve/park	Reserve
Fordham Gardens	Formal	Formal	Through Road Reserve	Reserve/park	Reserve
Frog Hollow Reserve	Reserve/park	Reserve	Trafalgar Road Reserve	Reserve/park	Reserve
Highfield Park	Reserve/park	Reserve	Willison Park	Reserve/park	Reserve
Lower Reserve	Formal	Formal			

# 1 INTRODUCTION

## 1.3 PARK TYPES BY SUBURB

### CANTERBURY



The suburb of Canterbury has a predominately exotic streetscape and park landscape character.

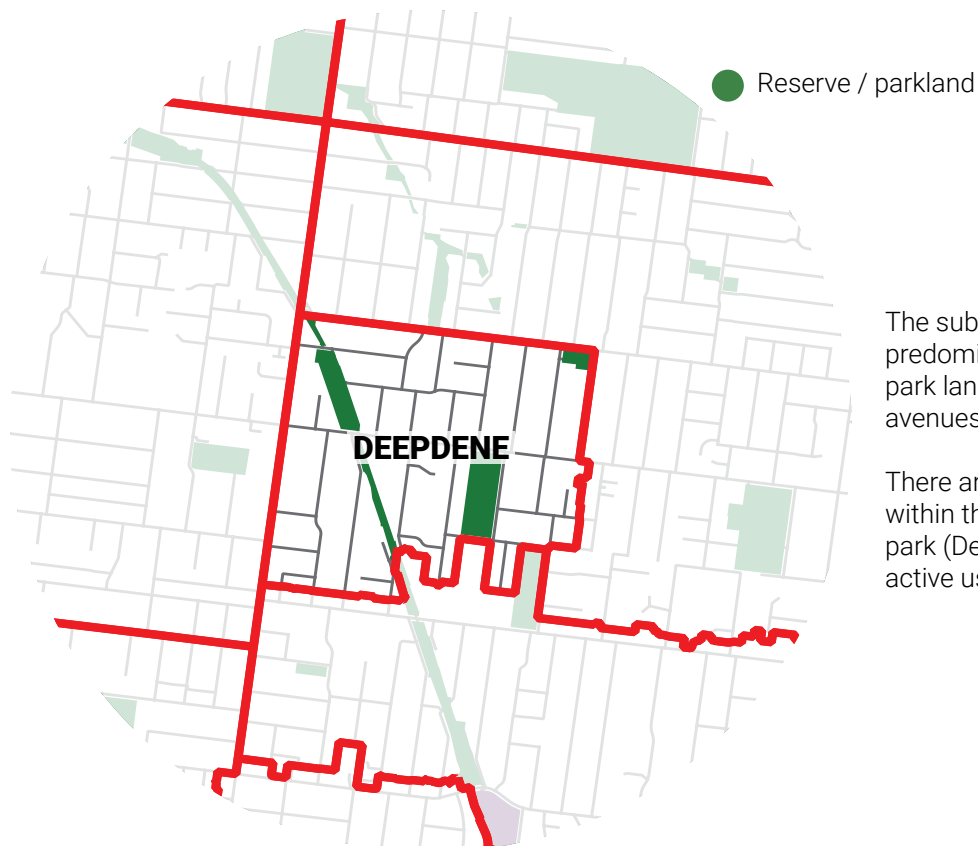
The majority of open space in this suburb is designated for passive recreational use through a variety of parks and gardens. Canterbury Gardens is a significant formal heritage style park in this suburb.

PARK NAME	PARK TYPE	FURNITURE STYLE
Boroondara Park	Formal	Formal
Canterbury Gardens	Formal	Formal
Chaucer Crescent Reserve	Formal	Formal
Colville Reserve	Formal	Formal
John August Reserve	Reserve/park	Reserve
Belmont Park	Reserve/park	Reserve
Norway Reserve	Reserve/park	Reserve
OCLP L - Barnsbury Rd to Mont Albert Rd	Reserve/park	Reserve
OCLP - Mont Albert Rd to Shenley Ground	Reserve/park	Reserve
OCLP 02 - Myrtle Road Reserve (South of Warburton Rd)	Reserve/park	Reserve
Shrublands Creek Reserve	Reserve/park	Reserve
Warburton Road Land	Reserve/park	Reserve
Warburton Road Reserve	Reserve/park	Reserve

# 1 INTRODUCTION

## 1.3 PARK TYPES BY SUBURB

### DEEPDENE



The suburb of Deepdene has a predominately native streetscape and park landscape character with some small avenues/pockets of exotic species.

There are few public open space parks within this suburb, the most significant park (Deepdene Park), is designated for active uses.

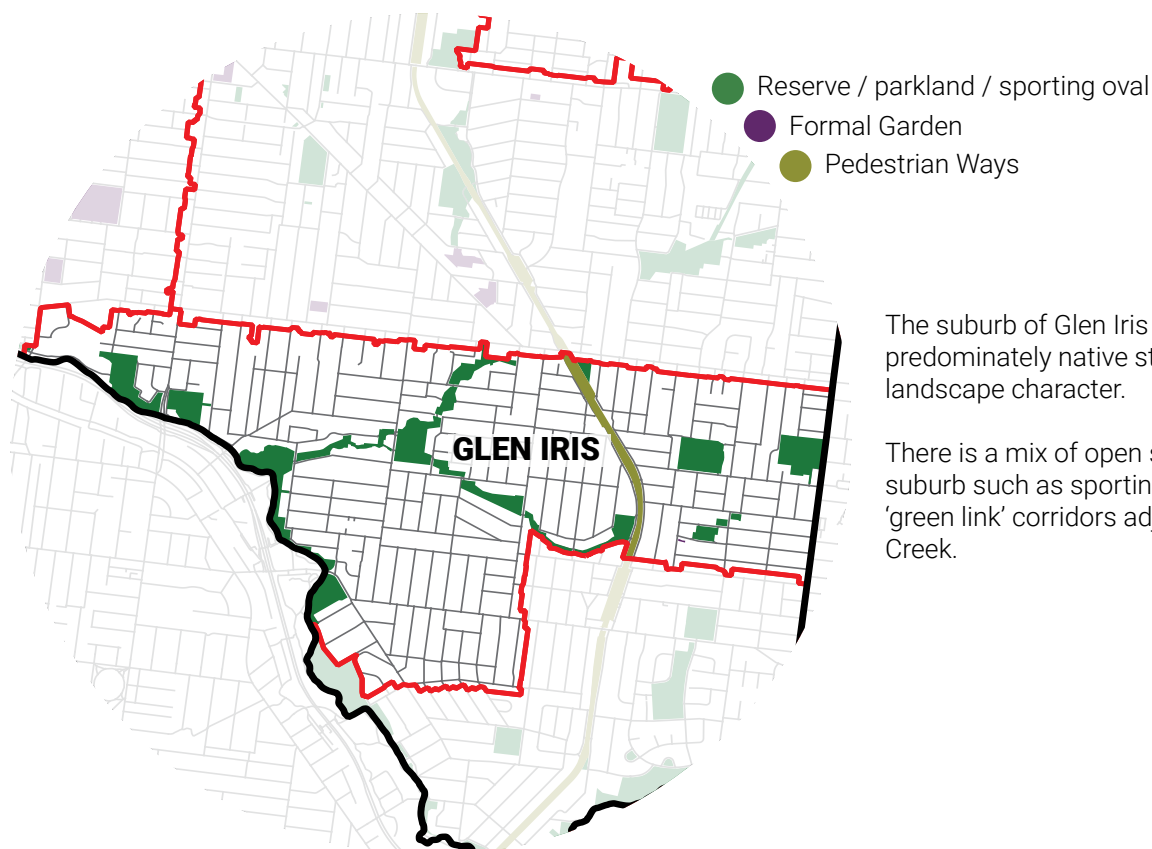
PARK NAME	PARK TYPE	FURNITURE STYLE
Deepdene Park	Reserve/park	Reserve
Gordon Street Reserve	Reserve/park	Reserve
OCLP - Burke Rd to Barnsbury Rd	Reserve/park	Reserve



# 1 INTRODUCTION

## 1.3 PARK TYPES BY SUBURB

### GLEN IRIS



The suburb of Glen Iris has a predominately native streetscape and park landscape character.

There is a mix of open space types in this suburb such as sporting reserves and 'green link' corridors adjoining Gardiners Creek.

PARK NAME	PARK TYPE	FURNITURE STYLE
Back Creek Reserve - Dawson Dv to Toorak Rd	Reserve/park	Reserve
Brixton Rise Reserve	Reserve/park	Reserve
Burke Road South Reserve	Reserve/park	Reserve
Burwood Reserve	Reserve/park	Reserve
Chaleyer Street Reserve	Formal	Formal
Eric Raven Reserve	Reserve/park	Reserve
Ferndale Park	Reserve/park	Reserve
Ferndale Road Reserve	Reserve/park	Reserve
Gardiners Creek Linear Park - Burke Rd to Tooronga Rd	Pedestrian way	Reserve
Hartwell Sports Ground	Reserve/park	Reserve
Hill 'n' Dale Park	Reserve/park	Reserve
Howard Dawson Reserve	Reserve/park	Reserve
Liston Street Reserve	Reserve/park	Reserve

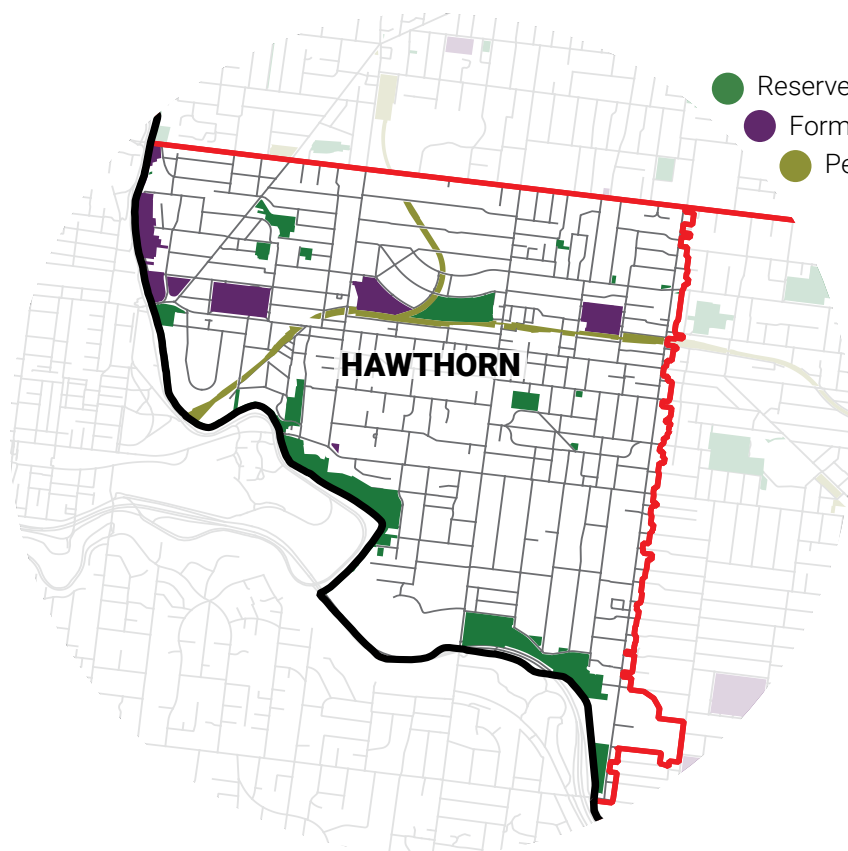
PARK NAME	PARK TYPE	FURNITURE STYLE
Madeline Street Reserve	Reserve/park	Reserve
Muswell Hill Reserve	Reserve/park	Reserve
Nettleton Park	Reserve/park	Reserve
OCLP - Toorak Rd to Adrian St	Pedestrian way	Reserve
Sinclair Avenue Reserve	Reserve/park	Reserve
Summerhill Linear Park	Reserve/park	Reserve
Summerhill Park	Reserve/park	Reserve
Trent Street Reserve	Reserve/park	Reserve
Welfare Parade Indigenous Reserve	Reserve/park	Reserve



# 1 INTRODUCTION

## 1.3 PARK TYPES BY SUBURB

### HAWTHORN



- Reserve / parkland / sporting oval
- Formal Garden
- Pedestrian Ways

The suburb of Hawthorn has a predominately exotic streetscape and park landscape character.

The majority of open space in this suburb is designated for passive open space. There is also a large number of formal themed heritage gardens.

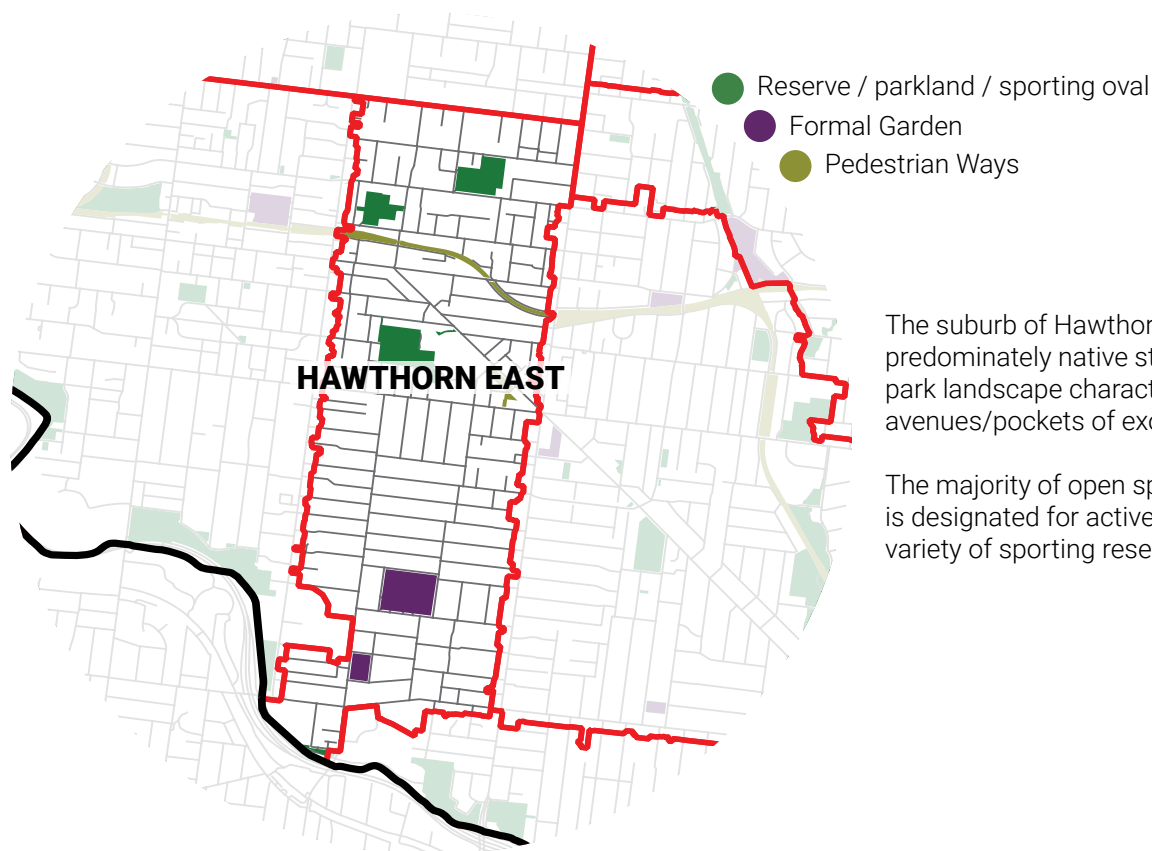
PARK NAME	PARK TYPE	FURNITURE STYLE
Appian Way	Reserve/park	Reserve
Auburn Road Reserve	Formal	Formal
Central Gardens	Formal	Formal
Creswick Street Reserve	Formal	Formal
Dean Avenue Reserve	Reserve/park	Reserve
Elphin Grove Reserve	Formal	Formal
Fairview Park	Reserve/park	Reserve
Fashoda Street Reserve	Reserve/park	Reserve
Gardiners Creek Pedestrian Culvert	Pedestrian way	Reserve
Glenferrie Oval	Reserve/park	Reserve
Grace Park	Reserve/park	Reserve
H A Smith Reserve	Reserve/park	Reserve
Hull Street Reserve	Reserve/park	Reserve
Illawarra Road Reserve	Reserve/park	Reserve
Kooyongkoot Road Reserve	Reserve/park	Reserve
LE Bray Reserve - Chrystobel Cr to Kinkora Rd	Reserve/park	Reserve

PARK NAME	PARK TYPE	FURNITURE STYLE
Mason Street Reserve	Reserve/park	Reserve
Morang Road Reserve	Reserve/park	Reserve
Muir Street Reserve	Reserve/park	Reserve
Patterson Reserve	Reserve/park	Reserve
Power Avenue Reserve	Reserve/park	Reserve
Pridmore Park	Reserve/park	Reserve
Riversdale Corner	Formal	Formal
Scotch Circuit Reserve	Reserve/park	Reserve
Scotsburn Street Reserve	Reserve/park	Reserve
Scullin Park	Reserve/park	Reserve
Smart Street Reserve	Reserve/park	Reserve
St James Park	Formal	Formal
Wallen Reserve	Reserve/park	Reserve
Wurundjeri Gardens	Reserve/park	Reserve
Yarra Bank Reserve	Formal	Formal
Yarra Street Land	Reserve/park	Reserve

# 1 INTRODUCTION

## 1.3 PARK TYPES BY SUBURB

### HAWTHORN EAST



The suburb of Hawthorn East has a predominately native streetscape and park landscape character with some small avenues/pockets of exotic species.

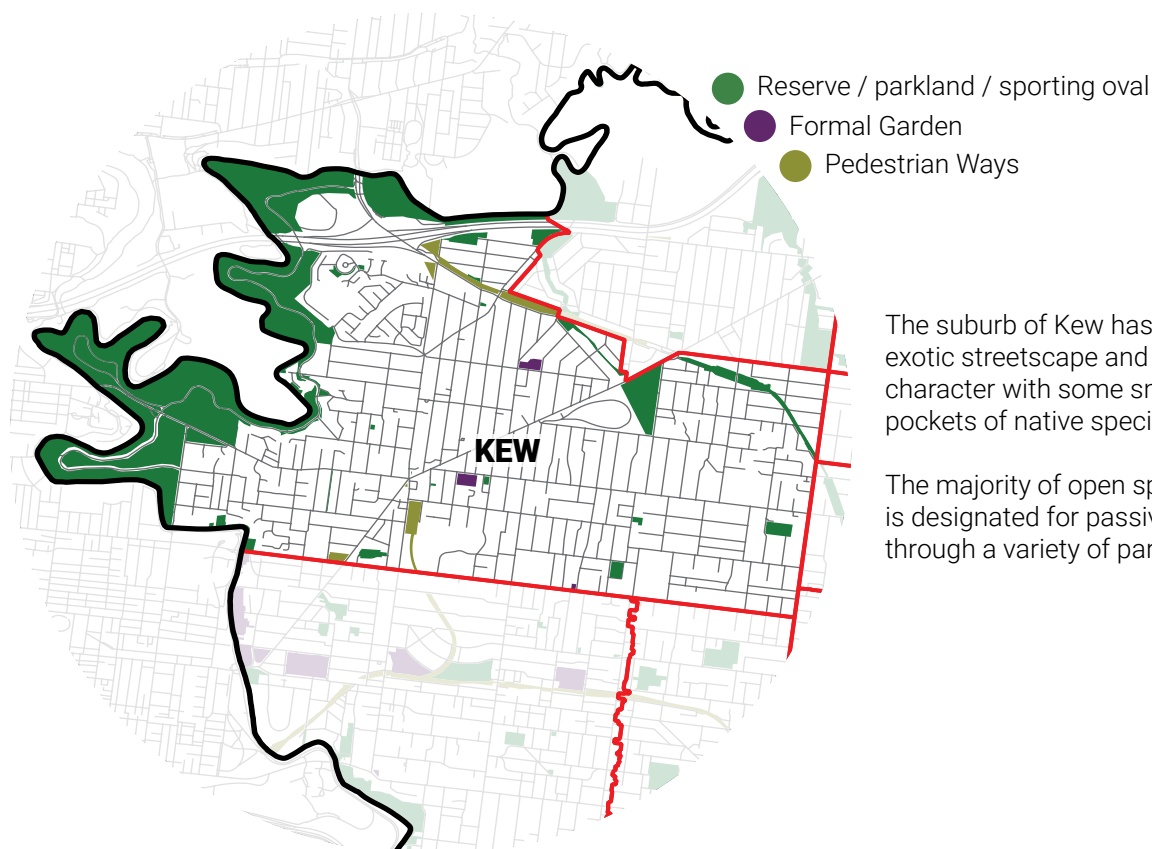
The majority of open space in this suburb is designated for active use through the variety of sporting reserves.

PARK NAME	PARK THEME	FURNITURE STYLE
Anderson Park	Formal	Formal
Cato Park	Formal	Formal
Gardiners Creek Linear Park- Tooronga Rd to Toorak Rd	Pedestrian ways	Reserve
Junction Skate Park	Reserve/park	Reserve
Rathmines Reserve	Reserve/park	Reserve
Sir William Angliss Reserve	Reserve/park	Reserve
Swinburne Recreation Reserve	Reserve/park	Reserve
Symonds Street Reserve	Reserve/park	Reserve
Victoria Road Reserve	Reserve/park	Reserve

# 1 INTRODUCTION

## 1.3 PARK TYPES BY SUBURB

### KEW



The suburb of Kew has a predominately exotic streetscape and park landscape character with some small avenues/pockets of native species.

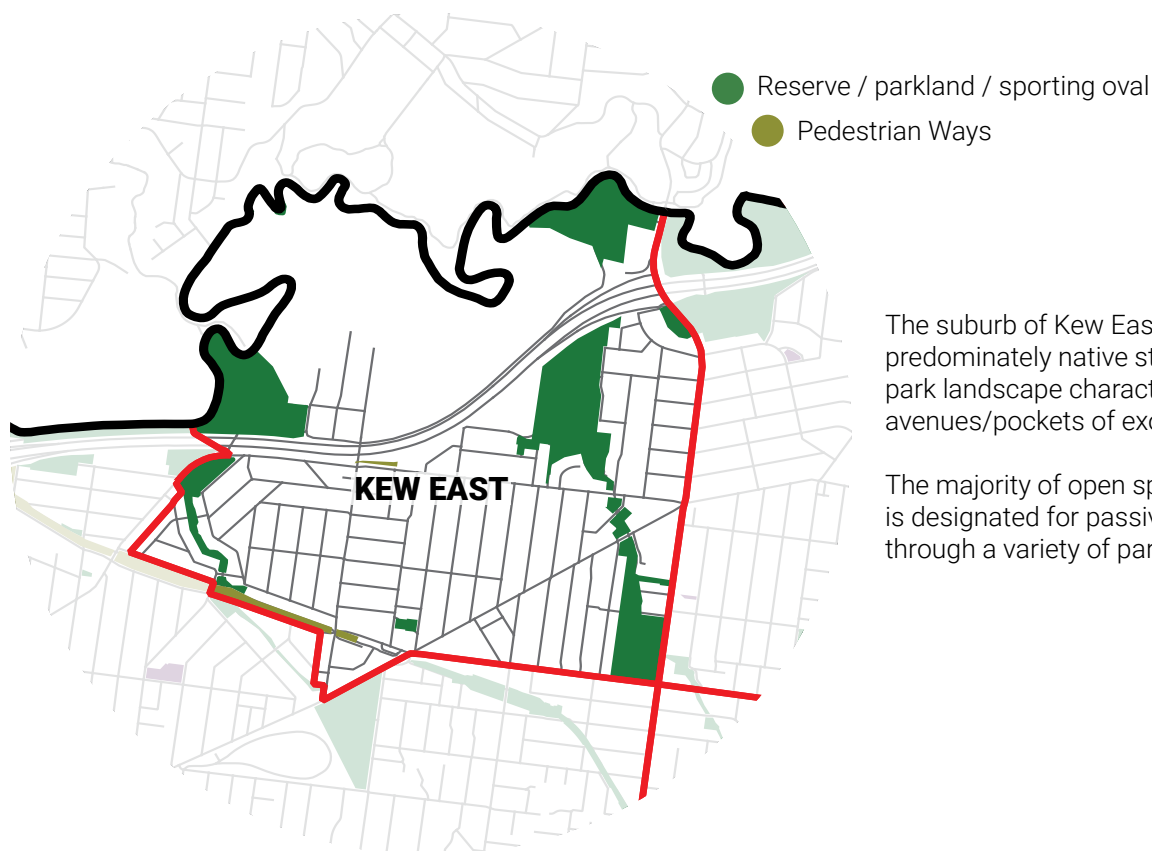
The majority of open space in this suburb is designated for passive recreational use through a variety of parks and gardens.

PARK NAME	PARK TYPE	FURNITURE STYLE	PARK NAME	PARK TYPE	FURNITURE STYLE
Alexandra Gardens	Formal	Formal	Petrie Square	Reserve/park	Reserve
Chandler Park	Reserve/park	Reserve	Raoul Wallenberg Gardens	Reserve/park	Reserve
Childers Park North	Reserve/park	Reserve	Reservoir Reserve	Reserve/park	Reserve
Childers Park South	Reserve/park	Reserve	Sir William Street Reserve	Reserve/park	Reserve
Davis Street Reserve	Reserve/park	Reserve	Stevenson Street Reserve	Reserve/park	Reserve
Dorothy Rogers Reserve	Reserve/park	Reserve	Vaughan Crescent Reserve East	Reserve/park	Reserve
Edgevale Reserve	Formal	Formal	Vaughan Crescent Reserve West	Reserve/park	Reserve
Eglinton Reserve	Formal	Formal	Victoria Park	Reserve/park	Reserve
Fenton Reserve	Reserve/park	Reserve	Walmer Street Land	Reserve/park	Reserve
Fitzwilliam Street Reserve	Reserve/park	Reserve	Recreation Hall Reserve	Reserve/park	Reserve
Foley Reserve	Reserve/park	Reserve	Park Avenue Reserve	Reserve/park	Reserve
Jack O'Toole Reserve	Reserve/park	Reserve			
Kate Campbell Reserve	Reserve/park	Reserve			
Kellett Reserve	Reserve/park	Reserve			
Molesworth Street Reserve	Reserve/park	Reserve			
Princess St to Burke Rd	Reserve/park	Reserve			
Peel Street Reserve	Reserve/park	Reserve			

# 1 INTRODUCTION

## 1.3 PARK TYPES BY SUBURB

### KEW EAST



The suburb of Kew East has a predominately native streetscape and park landscape character with some small avenues/pockets of exotic species.

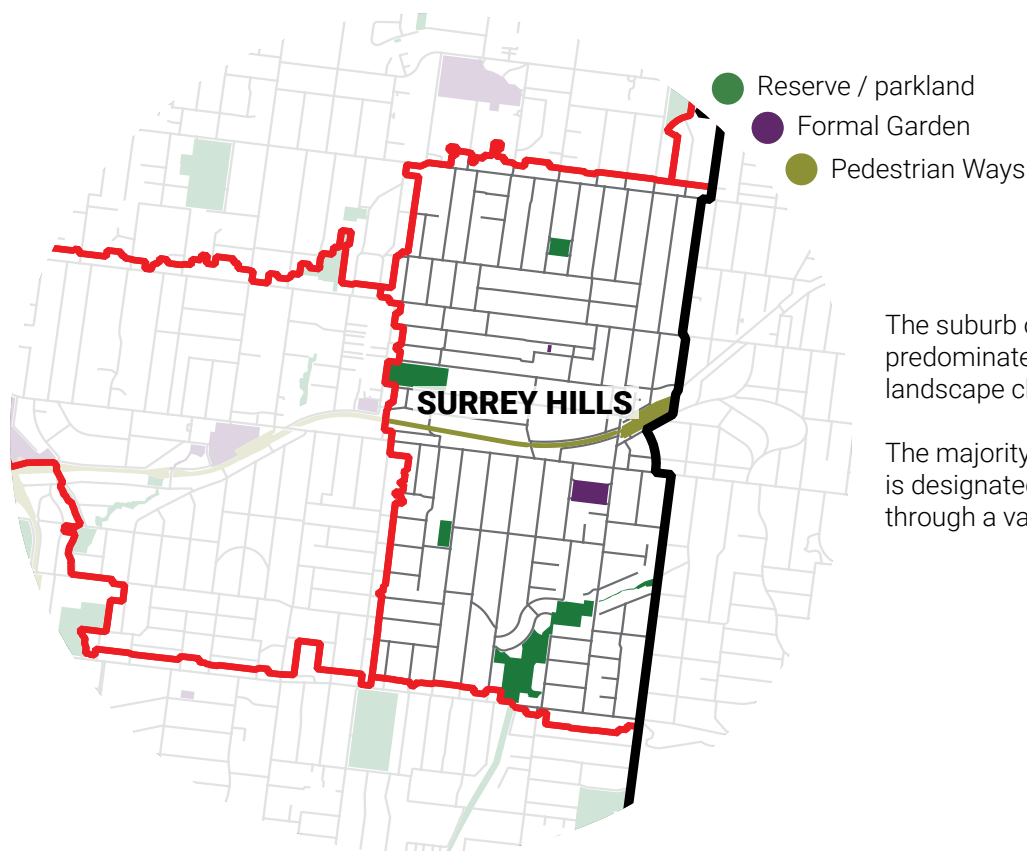
The majority of open space in this suburb is designated for passive recreational use through a variety of parks and gardens.

PARK NAME	PARK TYPE	FURNITURE STYLE
Connor Street Reserve	Reserve/park	Reserve
Harrison Reserve	Reserve/park	Reserve
Hays Paddock	Reserve/park	Reserve
Hyde Park	Reserve/park	Reserve
OCLP - Spruzen Av to High St	Reserve/park	Reserve
Stradbroke Park	Reserve/park	Reserve
Willsmere Park	Reserve/park	Reserve
Windella Avenue Reserve	Reserve/park	Reserve

# 1 INTRODUCTION

## 1.3 PARK TYPES BY SUBURB

### SURREY HILLS



The suburb of Surrey Hills has a predominately exotic streetscape and park landscape character.

The majority of open space in this suburb is designated for passive recreational use through a variety of parks and gardens.

PARK NAME	PARK TYPE	FURNITURE STYLE
Canterbury Sports Ground	Reserve/park	Reserve
Empress Road Reserve	Formal	Formal
Grovedale Park	Reserve/park	Reserve
Mary MacKillop Reserve	Reserve/park	Reserve
South Surrey Park	Reserve/park	Reserve
Surrey Gardens	Formal	Formal

## 2 STANDARD FURNITURE PALETTE

### FURNITURE STYLE SYMBOL LEGEND



This product is suitable for high-use areas  
(i.e., popular parks, playgrounds and picnic areas)



This product is robust and can be located to lower pedestrian traffic areas  
(i.e., conservation areas and nature trails)



This product is suitable for individuals with mobility challenges as it has been specifically designed to provide greater accessibility and ease of use  
(this also includes aiming to provide a connecting path to the asset or placing it adjacent to an existing path)



The product is suitable for shopping centres



The product is suitable for heritage sites  
(i.e., formal gardens and heritage shopping centres)



The product is suitable for contemporary sites  
(i.e., reserve type parks and contemporary shopping centres)

Refer Boroondara Standard Drawings for furniture details:

<https://www.boroondara.vic.gov.au/parking-roads/roads-and-footpaths/standard-drawings>

All furniture to comply with AS1428, designing for access and mobility.

All seating heights to be a custom height of 470mm (suitable for elderly users).

## 2 STANDARD FURNITURE PALETTE

All reference images are not an indication of the exact product we intend to use but represent the characteristics we intend to match to ensure a cohesive style in our parks and open spaces. Refer section 1 for park furniture style designation. Refer [page 17](#) for furniture style symbol legend.

### 2.1 RESERVE FURNITURE STYLE



PR1

#### SEAT WITH BACK AND ARMRESTS

FR12 - Boroondara furniture detail reference.



PR2

#### TABLE SETTING

FR22 - Boroondara furniture detail reference.

NOTE: Consider the inclusion of a shorter bench on one side to allow a wheelchair to sit at the table (not just to sit at the end).



PR3

#### BENCH SEAT



PR4

#### PLATFORM BENCH





## 2 STANDARD FURNITURE PALETTE

### 2.1 RESERVE FURNITURE STYLE



PR5

#### STEEL FRAME SEAT WITH BACK AND ARMRESTS

*B2 - Boroondara furniture detail reference.*



## 2 STANDARD FURNITURE PALETTE

### 2.2 FORMAL FURNITURE STYLE

Refer [page 17](#) for furniture style symbol legend.



#### PR6 FORMAL PARK SEAT

*NOTE: Rear leg splay can be a tripping hazard if not positioned correctly.*



#### PR7 FORMAL TABLE SETTING

*NOTE: Consider the inclusion of a shorter bench on one side to allow a wheelchair to sit at the table (not just to sit at the end).*



## 2 STANDARD FURNITURE PALETTE

### 2.3 UNIVERSAL FURNITURE

Refer [page 17](#) for furniture style symbol legend.



PR8

#### METAL SURROUND (lock and top insert) (LITTER)

FR03 - Boroondara furniture detail reference.



PR9

#### METAL SURROUND (lock and top insert) (RECYCLING)

FR04 - Boroondara furniture detail reference.



Any changes associated with bins will be in accordance with the Public Place Service Standards (currently in development).



PR10

#### CURVED STAINLESS STEEL BIKE HOOP

FR05 - Boroondara furniture detail reference.



## 2 STANDARD FURNITURE PALETTE

### 2.3 UNIVERSAL FURNITURE



PR11

#### STAINLESS STEEL WATER REFILL STATION

FR31 - Boroondara furniture detail reference.

*Dog bowl addition to drinking fountain should be considered in accordance with Local Laws. i.e., do not include a dog bowl on the drinking fountain within 10 metres of a playground.*



PR12

#### STEEL DRINKING FOUNTAIN

FR32 - Boroondara furniture detail reference.

*Dog bowl addition to drinking fountain should be considered in accordance with Local Laws. i.e., do not include a dog bowl on the drinking fountain within 10 metres of a playground.*



## 2 STANDARD FURNITURE PALETTE

### 2.3 UNIVERSAL FURNITURE



PR13

#### SINGLE ACCESSIBLE BARBECUE UNIT



PR14

#### DOUBLE ACCESSIBLE BARBECUE UNIT



PR15

#### ELECTRIC SMART BARBECUE COOKTOP

*Barbecue cooktop fixed to the above barbecue unit options.*



PR16

#### SMART BARBECUE SENSOR COMMUNICATOR

*Device to control barbecue remotely (for maintenance).*

#### Quantity principles:

Quantity of barbecues should be considered based on park usage/popularity, matching the likely demand of the asset.

## 2 STANDARD FURNITURE PALETTE

### 2.4 SHOPPING CENTRES - CONTEMPORARY STYLE

Refer [page 17](#) for furniture style symbol legend.

#### Style application checklist

The below contemporary style is applicable when one of the following criteria are met:

- ☐ The shopping centre is not in a heritage overlay (if partly within a heritage overlay - refer the next criteria).
- ☐ If there is no heritage overlay, a personal assessment of the streetscape character is required to determine the style of furniture to use (if there is significant heritage character in the architectural built form or existing public realm assets, this style does not apply, refer heritage style page 25).



PR17

#### CONTEMPORARY SEAT

*NOTE: Finish and mounting type and style subject to site location and design consideration.*



PR18

#### CONTEMPORARY SEAT (alternative option)

*NOTE: Finish and mounting type and style subject to site location and design consideration.*



## 2 STANDARD FURNITURE PALETTE

### 2.5 SHOPPING CENTRES - HERITAGE STYLE

#### Style application checklist

The below heritage style is applicable when one of the following criteria are met:

- ☐ The shopping centre is in a heritage overlay (if not entirely within a heritage overlay, or an overlay is not present - refer the next criteria).
- ☐ If there is no heritage overlay, a personal assessment of the streetscape character is required to determine the style of furniture to use (if there is significant heritage character in the architectural built form or existing public realm assets, this style applies).



PR19

#### HERITAGE SEAT

*Colour: Brunswick Green powdercoat to steel elements.*



PR6

#### FORMAL PARK SEAT (alternative option)

*Colour: Brunswick Green powdercoat to steel elements.*

*NOTE: Rear leg splay can be a tripping hazard if not positioned correctly.*





## 2 STANDARD FURNITURE PALETTE

### 2.6 SHOPPING CENTRES - UNIVERSAL



PR20

#### TREE GUARD

FR40 - Boroondara furniture detail reference.

NOTE: Where possible aim for the tree pit to be open to sky for natural irrigation.



PR21

#### CLIMBER FRAME

FR41 - Boroondara furniture detail reference.

NOTE: Where possible aim for the tree pit to be open to sky for natural irrigation.



## 2 STANDARD FURNITURE PALETTE

### 2.7 FENCING

Refer [page 17](#) for furniture style symbol legend.



PR22

#### RECYCLED PLASTIC BOLLARD (100mm)

FE01 - Boroondara furniture detail reference.

H

C



PR23

#### RECYCLED PLASTIC POST AND RAIL

FE03 - Boroondara furniture detail reference.

H

C



PR24

#### RECYCLED PLASTIC POST AND MESH

FE04 - Boroondara furniture detail reference.

H

C

NOTE: The above fencing types are not applicable to sports ground oval surrounds.

## 2 STANDARD FURNITURE PALETTE

### 2.8 OTHER

Refer [page 17](#) for furniture style symbol legend.



#### INFORMAL LOG BENCH

Informal log bench, repurposed from logs sourced from projects such as Level Crossing Removals or North East Link project (where logs meet the below standard).

#### Supply and Installation Details:

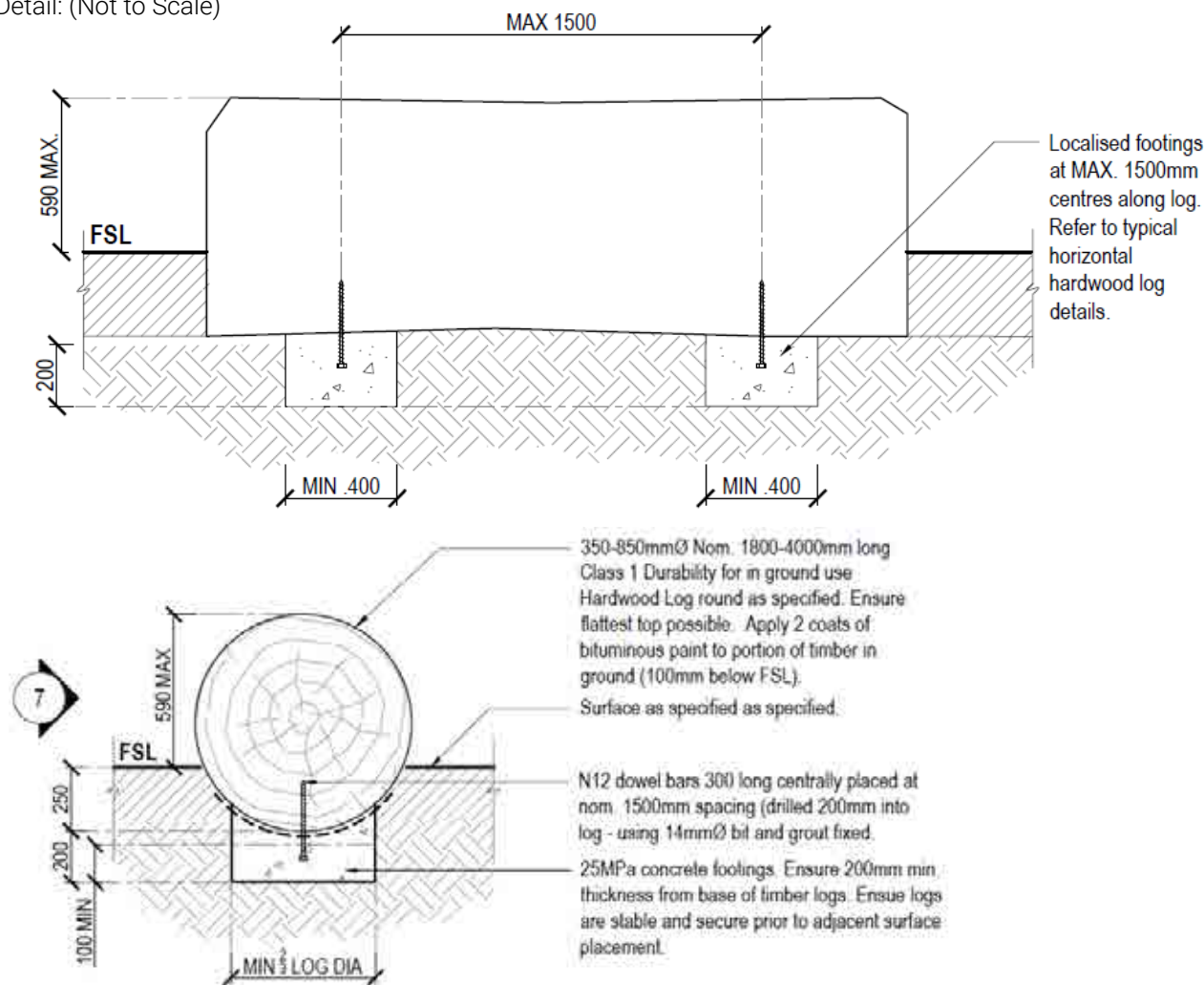
All logs to be Class 1 Durability for in ground use Hardwood (Ironbark or Greybox).

Selected logs to avoid entrapment hazards (see Australian Standard AS 4685.1:2021 Playground equipment and surfacing, general safety requirements and test methods, Standards Australia).

All edges and faces to be rounded and sanded smooth. Logs to be devoid of cracks and openings which may progressively worsen over time. Logs to have large reasonably flat tops or low curvature rounded. Any areas that may result in splinters should be sanded accordingly.

Apply 2 coats of Diggers Eco In-Ground Timber Protecta paint or similar approved to any part of timber embedded to concrete footing.

Detail: (Not to Scale)



## 2 STANDARD FURNITURE PALETTE

### 2.8 OTHER

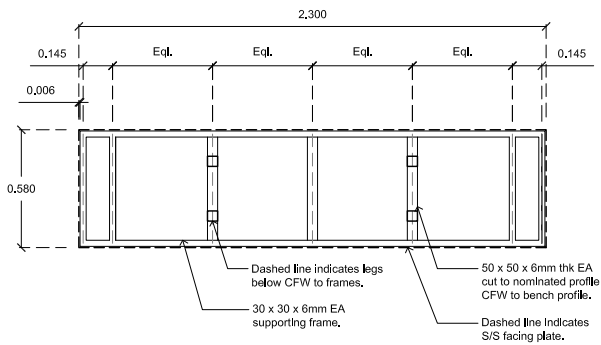
OTHER



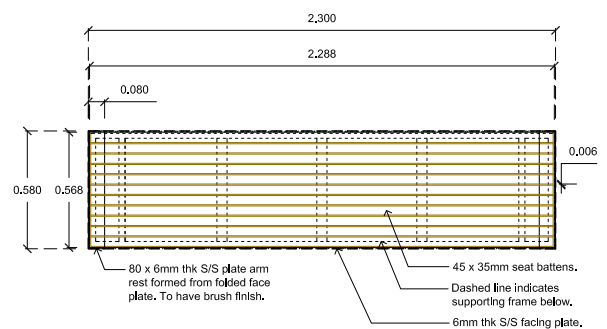
#### CUSTOM SEAT (BACK & ARM RESTS)

Custom furniture used on Yerrin Street Improvement project.

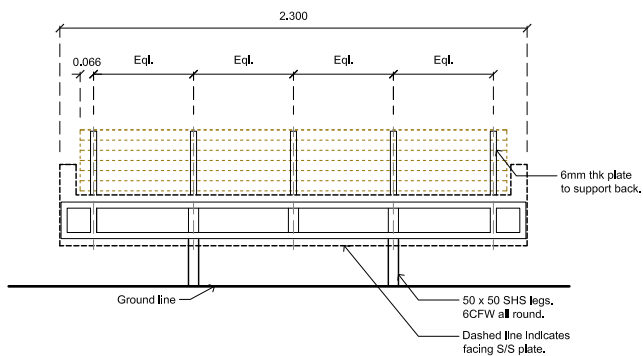
Details below referenced from Yerrin Street Improvement package.



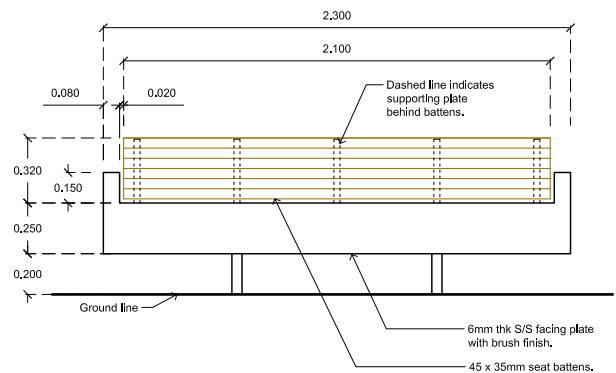
01 | SEAT TYPE SUA - SUB STRUCTURE  
Plan Scale 1:10



02 | SEAT TYPE SUA - STRUCTURE  
Plan Scale 1:10



03 | SEAT TYPE SUA - SUB STRUCTURE  
Elevation Scale 1:10



04 | SEAT TYPE SUA - STRUCTURE  
Elevation Scale 1:10

## 2 STANDARD FURNITURE PALETTE

### 2.8 OTHER

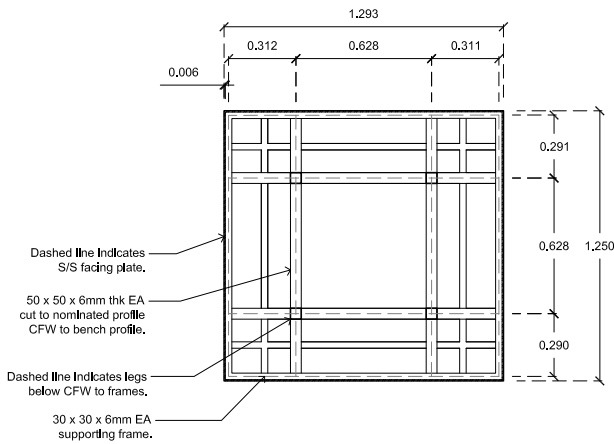
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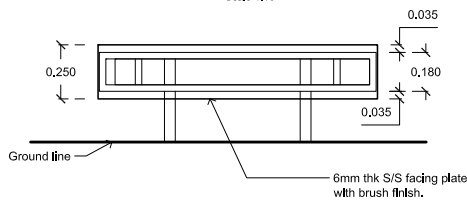
#### CUSTOM PLATFORM BENCH

Custom furniture used on Yerrin Street Improvement project.

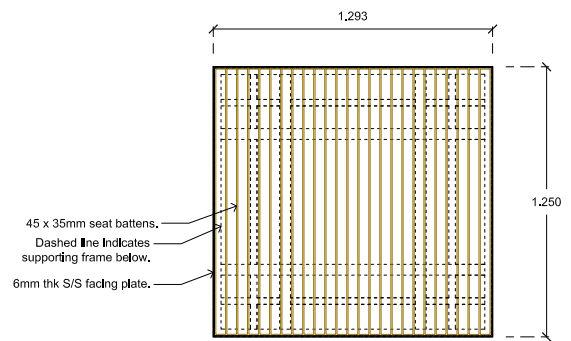
Details below referenced from Yerrin Street Improvement package.



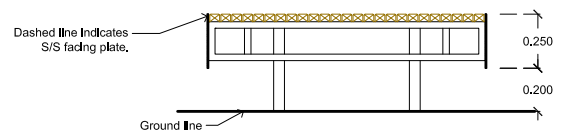
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Plan Scale 1:10



03 | SEAT TYPE SUC - SUB STRUCTURE  
Elevation Scale 1:10



02 | SEAT TYPE SUC - STRUCTURE  
Plan Scale 1:10



04 | SEAT TYPE SUC - STRUCTURE  
Elevation Scale 1:10

## 2 STANDARD FURNITURE PALETTE

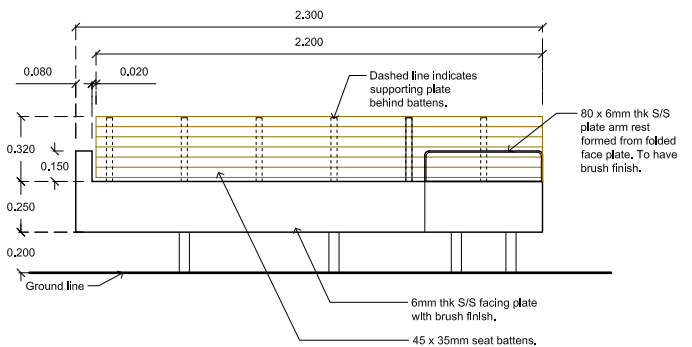
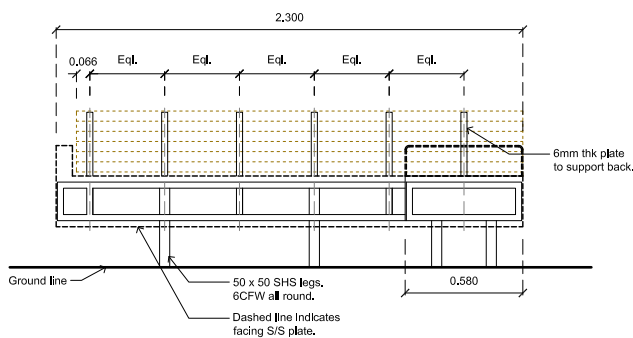
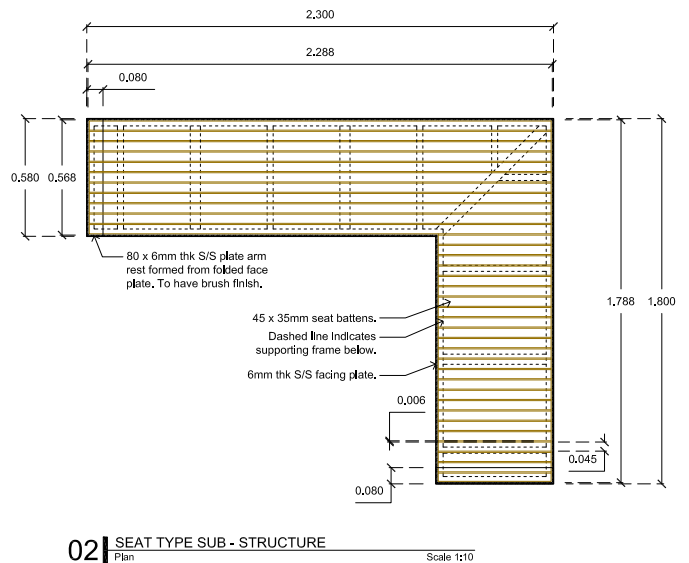
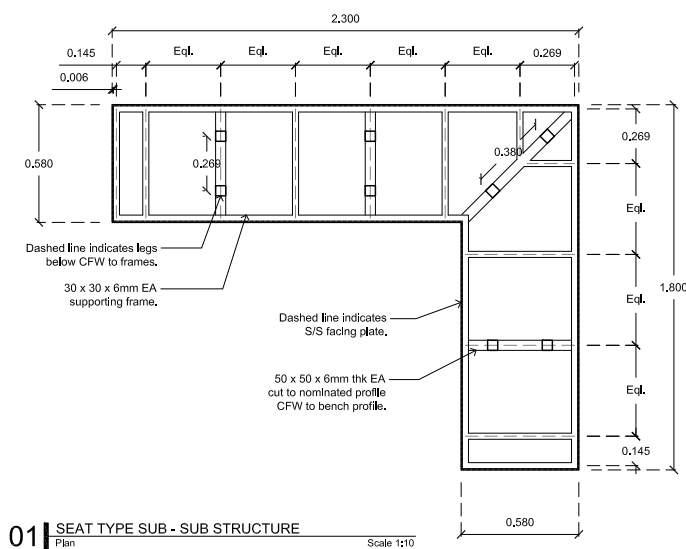
### 2.8 OTHER



#### CUSTOM CORNER SEAT (L SHAPE)

Custom furniture used on Yerrin Street Improvement project.

Details below referenced from Yerrin Street Improvement package.



## 2 STANDARD FURNITURE PALETTE

### CUSTOM FURNITURE GENERAL STANDARDS

When designing custom street furniture, the following objectives should be achieved:

- Always recycle, upcycle and re-use materials where possible.
- Exhibit high resistance to vandalism.
- To be durable against weathering and deterioration
- To be suitable for use by people with a wide range of needs including children, the aged and people with disabilities.
- To have a low cost over the life of the asset (low ongoing maintenance requirements), with easy to procure replacement materials.
- Preference for locally sourced sustainable materials (sourced as close to the site as possible).
- Preference for manufacturing to be from businesses within Australia.

Custom furniture should only be utilised in high-use activity nodes such as shopping centres and high-profile playgrounds.

Paint finishes should be selected on the basis of superior resistance to fading, vandal resistance and appropriateness for the surface they are coating. Note that paint finishes are prone to scratching and eroding. Stainless steel should be preferred over paint.

Anti-graffiti coatings should be considered for surfaces likely to be affected by graffiti.

Where practical, combine or co-locate two or more street furniture functions into a custom single object to reduce the appearance of cluttered assets.

Seats should be designed to avoid sharp edges and entrapment hazards (see Australian Standard AS 4685.1 for finger and head entrapments). Within these requirements, street furniture may be designed to enhance the unique character of the space.

For guidance on siting assets in the public realm, refer section 4 of this document.

### Related codes of practice and guidelines

#### **Legislation**

*Disability Discrimination Act 1992*

*Discrimination Act 1991*

#### **Industry standards**

AS 4685.1:2021 Playground equipment and surfacing, general safety requirements and test methods, Standards Australia.

AS 2890.3 Parking Facilities. Part 3: Bicycle Parking Facilities, Standards Australia.

#### **Sustainability**

Guide to Sustainable materials - BREATHE



## 2 STANDARD FURNITURE PALETTE

### ASSET SUMMARY & REPLACEMENT STRATEGY

Replacement should be scheduled either at the end of an asset's lifespan or in accordance with the Asset Replacement Plan's prioritisation. Replacing assets can also be delivered in association with a capital works project to provide a consistent outcome for a park or precinct. To avoid excess wastage of discontinued products, accessible stock remaining in depot storage should be used as replacement for low priority sites, prior to adopting the new replacement style. Always recycle, upcycle and re-use materials wherever possible. Sites for priority replacement are in yellow.

EX. CODE	PARK ASSET NAME	DISCONTINUE?	REPLACE WITH? (NEW CODE)	REPLACEMENT PLAN
FR01	Street Seat (Metal)	Yes	PR1*, PR5*, PR6* *Based on park character	Low priority - 'end of life' replacement
FR02	Street Seat (Metal with armrests)	Yes	PR1*, PR5*, PR6* *Based on park character	Low priority - 'end of life' replacement
FR03	Bin Surround (Rubbish)	Yes	PR8	Low priority - 'end of life' replacement
FR04	Bin Surround (Recycle)	Yes	PR9	Low priority - 'end of life' replacement
FR05	Bike Leaning Rail	No	No change in character/asset	Ongoing - 'end of life' replacement
FR09	Heritage Style Seat (Streets)	Yes	PR6	Low priority - 'end of life' replacement
FR10	<b>Park Seats (Heritage)</b>	<b>Yes</b>	<b>PR6</b>	<b>High profile sites priority replacement (refer section 1 for sites)</b>
FR11	Park Seats (Garden)	Yes	PR6	Low priority - 'end of life' replacement
FR12	Park Seats (Reserve)	No	No change in character/asset	Ongoing - 'end of life' replacement
FR13	Park Seats (Conservation)	Yes	PR5	Low priority - 'end of life' replacement
FR20	<b>Picnic Setting (Heritage)</b>	<b>Yes</b>	<b>PR7</b>	<b>High profile sites priority replacement (refer section 1 for sites)</b>
FR21	Picnic Setting (Garden)	Yes	PR7	Low priority - 'end of life' replacement
FR22	Picnic Setting (Reserve)	No	No change in character/asset	Ongoing - 'end of life' replacement
FR23	Picnic Setting (Conservation)	Yes	PR2	Low priority - 'end of life' replacement
FR30	<b>Drinking Fountain (Heritage)</b>	<b>Yes</b>	<b>PR11</b>	<b>High profile sites priority replacement (refer section 1 for sites)</b>
FR31	Drinking Fountain (High Profile)	No	No change in character/asset	Ongoing - 'end of life' replacement
FR32	Drinking Fountain (Local profile)	No	No change in character/asset	Ongoing - 'end of life' replacement
FR40	Tree Guard	No	No change in character/asset	Ongoing - 'end of life' replacement
FR41	Climber Frame	No	No change in character/asset	Ongoing - 'end of life' replacement
FE01	Bollard timber posts	Yes	PR22	Low priority - 'end of life' replacement
FE03	Timber post and rail	No	PR23	Low priority - 'end of life' replacement
FE04	Post and rail with mesh	No	PR24	Low priority - 'end of life' replacement

## 3 ASSET SITING PRINCIPLES

### 3.1 PRINCIPLES FOR PLACEMENT

Furniture siting and selection should respond to the demands of the public and the physical location. The number of street furniture items is a direct response to the requirements of the space.

Furniture should be sited to focus on an activity or a view and take advantage of seasonal change, especially winter sun and summer shade. Where possible site street furniture in ways that provide shelter from the rain and other local weather patterns. The siting of street furniture also should reflect the needs of different sections of the community including the aged, the young and the physically challenged.

Furniture and utilities infrastructure are installed and managed by many public bodies, agencies and service providers. Locating objects in the public realm can affect the accessibility, functionality and safety of a place. The location, design and management of objects in a public space, can support street function, complement existing activities and contribute to a sense of place. Poorly located objects can contribute to diminished safety, and physical and visual clutter. Rational layout can assist the visually impaired to use the space safely.

Furniture works best when the components have common design elements and are sited in regular patterns. Aligning street furniture with kerbs, walls and buildings may be a way of establishing patterns. Alignment in siting improves rhythm and subsequently the visual coherence of a streetscape. Positioning seats next to walls or fences, bins next to poles or lights, further assists in reducing visual clutter.

This next section will introduce general principles for the placement and siting of furniture in the public realm.



Community Gardens - Kew

## 3 ASSET SITING PRINCIPLES

### 3.2 SEATS

In high volume locations, it is desirable to provide access to seats every 60 metres. This may increase to every 50 metres in areas of intense activity. Seats are important where pedestrians congregate to wait. Seating may be required for bus stops, taxi ranks and outside public buildings.

Seating is a major component in spaces that are created primarily for relaxing or resting such as in our parks and gardens. Seating in these spaces should be designed for longer duration sitting. Multiple seats within nearby proximity may be required in central locations where they can be placed to encourage conversation or to generate a sense of place. This form of seating can be inwardly facing or facing a view-line and should be visible but not intrusive. Seating should be sited in a manner that does not obstruct a view, activity or desire line with consideration of safety in the placement of seating adjacent to any roads.

Seats in secluded areas should be sited near or directly under street lighting. Avoid locating seats in grass where maintenance of the grass around and beneath the seat will be difficult. Also avoid placing seats around trees where they collect leaf litter and impact roots.

Seating should be located within shaded positions and areas of full sun to allow for options during different seasons and weather conditions.



*Example seat with backrests and armrests*

### 3.3 PICNIC SETTINGS

Picnic settings, often used in picnic areas, should be constructed from durable materials and be easy to clean and maintain. They should be designed to provide access to at least part of the table by people in wheelchairs (allowing a wheelchair to comfortably sit with adequate leg space, either at the end or side of picnic setting).

Picnic settings should be installed on and fixed to a concrete slab. Placing table/seats on grass increases maintenance requirements and should be avoided.

Aim for the picnic setting to be accessed by a wheelchair.



*Example formal table setting*

### 3 ASSET SITING PRINCIPLES

#### QUICK WIN OBJECTIVES:

##### SEATING AND PICNIC SETTINGS

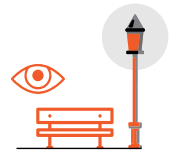
- Aim for street/park furniture to be sited somewhere accessible and convenient for users.
- Locate seats near public transport stops, in parks and plazas, and along pedestrian routes.



- Place seats where people gather and linger, and at locations where people can enjoy views or watch activities.
- Place seats on main pedestrian routes at 60-100m intervals depending on the space.



- Allow small clusters of seating where appropriate to accommodate group enjoyment and encourage conversation.
- Seating in secluded areas to be clearly visible to passing users and under street lighting where possible.



- Avoid siting seats where there will be a clash with park maintenance such as in grass areas.
- Aim for seats to abut paths as to avoid grass wear and tare where possible.
- Encourage neat and routine rhythm when siting seating e.g. align seating with kerbs, buildings and footpaths.
- Seating should be located within shaded positions and areas of full sun to make the most of each season.
- Aim for picnic settings to allow for wheelchair access.



### 3 ASSET SITING PRINCIPLES

#### 3.4 LITTER BINS

*For extended siting principles, refer to the Public Place Service Standards (currently in development).*

Bins should be at all site entry and exit points, as well as focal activity points which are likely to create waste (i.e. picnic areas, subject to wastage levels). Positioning bins near entry points also supports ease of collection.

Placement should consider and maintain views and vistas.

Placement should consolidate infrastructure and assets together in open spaces.

Aim to have waste bins placed a minimum distance of 2m from public eating or play areas. Ensure clear access (at least 2m) on each side of bin / bin group.

The siting of bins should not impede wheelchair access and the bin height should be appropriate for wheelchair and child access.

#### 3.5 BICYCLE RACKS

Bicycle rack design and siting should conform to *Australian Standard AS 2890.3*.

Bicycle racks should be sited in all commercial centres and other cycling destinations. The cycle racks should be sited as near to the immediate destination as possible and in full public view. They should be easily accessible from the cycle path, footpath and road.

The siting of bicycle racks should not impede wheelchair or pedestrian access. Bicycle racks should not be placed immediately in front of building entrances or shop fronts.

#### 3.6 DRINKING FOUNTAINS

Drinking fountains should generally be sited in high-use areas where pedestrian traffic is more significant.

Our parks, playgrounds and sporting precincts are of high demand for water fountains due to active recreation use.

Aim to have drinking fountains that are accessible to all.

#### 3.7 BARBECUES

Barbecues are distributed at nodes of activity and should be easily accessible from car parks and for maintenance.

Barbecues should be accessible for all.

Seats, tables, bins and shelters should be located in close proximity to barbecues to create a functional and successful space.



*Example metal surround (litter and recycling)*



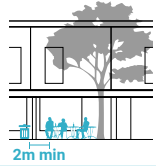
*Example steel drinking fountain*

### 3 ASSET SITING PRINCIPLES

#### QUICK WIN OBJECTIVES:

##### LITTER BINS

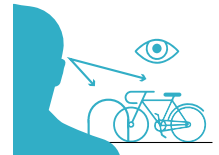
- Bins should be at all site entry and exit points, as well as focal activity points which are likely to create waste (i.e. picnic areas).
- Placement should consolidate infrastructure and assets together in open spaces.
- Placement should consider and maintain views and vistas.
- Aim to have waste bins placed a minimum distance of 2m from public eating or play areas. Ensure clear access (at least 2m) on each side of bin/bin group.



The siting of bins should not impede wheelchair access and the bin height should be appropriate for wheelchair and child access.

##### BICYCLE RACKS

- Bicycle racks to be sited in accordance with *Australian Standard AS 2890.3*.
- Bicycle racks should be located as near to the immediate destination as possible.
- Bicycle racks should be located in full public view as a crime prevention method.



- Bicycle racks should not be placed immediately in front of building entrances or shop fronts.

##### DRINKING FOUNTAINS

- Place drinking fountains in high use areas at parks, playgrounds, sporting precincts and shopping centres.
- Drinking fountains to be accessible to all.

##### BARBECUES

- Barbecues to be sited near nodes of activity and easily accessible from car parks.



- Seats, tables, bins and shelter should be located in close proximity to barbecues.
- Barbecues should be accessible for all.

