



# **Bradfield Park**



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**PLAN OF MANAGEMENT**

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**NORTH SYDNEY COUNCIL**

# **BRADFIELD PARK PLAN OF MANAGEMENT**

## **FOREWORD**

With its harbourside location and proximity to key Sydney landmarks, Bradfield Park is one of the most significant public open spaces in Sydney. Located between Milsons Point and Kirribilli, partially underneath the northern approaches to the Sydney Harbour Bridge, it forms part of a chain of parks and reserves around the northern side of the harbour, giving people access to the foreshore.

Both the local community and visitors enjoy Bradfield Park's beautiful waterside location. It is a popular place from which to view the city and watch harbour activities, particularly on special occasions such as New Year's Eve and Australia Day. Local schools regularly use the park for informal sports and games and the new children's playground is always buzzing with activity. The park also hosts the popular Kirribilli markets. The former bowling club building has been converted into a community centre and restaurant.

Accommodating the many demands on Bradfield Park is definitely a challenge. The significance of the park as a harbourside reserve is now supported by several government plans and policies to protect such lands as community assets and this Plan of Management recognises the significance of Bradfield Park, particularly its relation to recreation, heritage and culture. The Plan of Management provides an integrated approach to the management of Bradfield Park to ensure its place as a major recreational venue within the Municipality of North Sydney.

This Plan of Management addresses issues including determining a range of appropriate recreational uses, managing access to the Park on New Year's Eve, accommodating the Kirribilli Markets, dealing with pollution and drainage in the park and working with the Roads and Traffic Authority to ensure projects undertaken by that organisation are also consistent with Council's vision for the park. The Plan of Management also aims to ensure that the vision for Bradfield Park presented in the 1998 Masterplan for the park, 'City Playground, Harbour Stage', is maintained as the park is upgraded in stages.

Recent developments in the park include the upgrading of Bradfield Park North, construction of Bradfield Plaza and installation of a new children's playground under the shade of fig trees near Fitzroy Street. Interpretive signs forming the Bradfield Park Heritage Walk were installed and were unveiled to coincide with other celebrations in March 2007 commemorating the 75<sup>th</sup> Anniversary of the completion of the Harbour Bridge. Upgrading of the park in accordance with the vision presented in the Masterplan is set to continue and the next 5 years will see some exciting new improvements in the park, befitting its status as one of Council's premier parklands.

GENIA McCAFFERY  
**MAYOR**

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## 1.0 **Introduction**

### 1.1 **Management Context**

Plans of Management are important documents providing clear guidelines for the effective short and long-term management of all land owned by Council or under Council's control. This document complies with the Local Government Act 1993, as amended 1998, and supersedes Council's Bradfield Park Plan of Management 2001.

Bradfield Park is a prominent piece of open space within the North Sydney area, containing a number of distinctive features. The diverse and sometimes unique issues that relate to the Park warrant the development of a significant Plan of Management. Bradfield Park is partially owned by Council, however the Roads and Traffic Authority own some of the land, consisting of the Harbour Bridge pylons and associated support structures, and the land directly in the shadow of the northern Bridge approaches. The southern section of the park that was resumed for construction of the harbour tunnel is also currently in RTA ownership.

The Bradfield Park Plan of Management is an attempt to examine the broad range of issues associated with this high profile area of public open space in a comprehensive and holistic manner. The Plan draws on information contained in other significant planning documents as well as in previous in-house studies, incorporating them into a useful document that functions as one of Council's primary management tools. Relevant documents and studies include:

- Sydney Harbour Regional Environmental Plan (Sydney Harbour Catchment) 2005
- Sydney Harbour Bridge Conservation Management Plan 2007
- Sydney Harbour Bridge Interpretation Plan 2007
- Sydney Harbour Catchment Blueprint 2002
- 2020 Vision, North Sydney Council
- North Sydney Council Management Plan
- Local Environmental Plan 2001, North Sydney Council
- Foreshore Access Strategy 2007
- Recreation Needs Study 2005
- Council's Area Character Study 1997

### 1.2 **Structure of the Plan of Management**

The plan is divided into 6 parts:

Part 1 examines what a Plan of Management is, outlines the scope of this Plan, its purpose and its core objectives, explains the linkage between this Plan of Management and Council's land management goals, and details the importance of community consultation in the planning process. It also examines the issue of leases, licences and other estates in the Park.

Part 2 indicates the location of Bradfield Park, and examines its characteristics and resources. The function and use of the Park is also discussed.

Part 3 identifies and examines the major planning issues essential to an understanding of the overall directions of the Plan of Management. Current management policies and practices are also discussed.

Part 4 is the philosophical basis for the Plan of Management. It details the significance of Bradfield Park both on its own and within its North Sydney and harbour context, and establishes the overall directions and objectives of management that guide policy development and formulation of the action plan.

Part 5 is the implementation and performance component of the Plan of Management. A matrix sets out the objectives, proposed actions and performance indicators for each issue, and each issue is given a priority rating. An indicative works program further details the staging of all works and actions.

Part 6 contains the appendices as well as supporting material and background information that, though not essential to a basic understanding of the Plan, provides an important resource base for appreciating the value of Bradfield Park.

### **1.3 Purpose of the Plan of Management**

This Plan of Management has been prepared to provide the managers of Bradfield Park with a useful and consistent set of guidelines governing the direction of management for this important area of public open space.

The production of this Plan of Management is closely linked with North Sydney Council's overall land management objectives, as set out in the North Sydney Council Management Plan.

Council's land management objective relevant to Bradfield Park is:

- *To provide a network of parks, sporting fields, open spaces and recreational facilities that meet in the most cost-effective manner the recreation and leisure needs of the community.*

Open space is recognised as an important component of the urban environment, providing opportunities for recreation and leisure. The Plans of Management provide a framework within which managers can develop a balanced response to current opportunities and address future pressures.

The Bradfield Park Plan of Management examines the present-day character and condition of the Park and the factors that impact upon it. The Plan identifies clear objectives and establishes directions for planning, resource management and maintenance of public open space. It clarifies and establishes management policy and direction, both to Council staff and the general public. The Plan of Management provides a basis for assigning priorities in works programming and budgeting.

This Plan of Management will be reviewed regularly to assess implementation and performance, and a major review after 5 years will allow policy and planning issues to be revisited and updated.

## 1.4 Land Categorisation and Core Objectives

Council's previous Bradfield Park Plan of Management, 2001, categorised Bradfield Park as a 'park'. The Local Government Act 1993, amended 1998, provides more detail regarding the categorisation of community land, including detailed guidelines for categorisation of land, and core objectives for each land category. According to the Act, land should be categorised as a park under section 36(4) of the Act if:

*the land is, or is proposed to be, improved by landscaping, gardens or the provision of non-sporting equipment and facilities, for use mainly for passive or active recreational, social, educational and cultural pursuits that do not unduly intrude on the peaceful enjoyment of the land by others.*

The amendments to the Act also provide core objectives for management of land categorised as a park that are applicable to Bradfield Park.

*The core objectives for management of community land categorised as a park are:*

- (a) *to encourage, promote and facilitate recreational pursuits in the community involving organised and informal sporting activities and games, and*
- (b) *to provide for passive recreational activities or pastimes and for the casual playing of games, and*
- (c) *to improve the land in such a way as to promote and facilitate its use to achieve the other core objectives for its management.*

## 1.5 Leasing of Community Land

The granting of a lease formalises the use of community land by groups such as sporting clubs, commercial organisations or individuals who are providing facilities or services for public use. The term 'estate' is defined as an interest, charge, right, title, claim, demand, lien or encumbrance, whether by law or in equity.

A lease, licence or other estate is required where exclusive control of all or part of an area by a party is proposed or desirable in the interests of management of an area. Activities under a lease should be compatible with any zoning or reservation, provide benefits, services or facilities for users of the land, and be authorised under the Plan of Management. The terms and conditions of a lease should ensure that the lessee undertakes proper management of the facility such that it is maintained in a safe and visually pleasing condition, and that the interests of Council and the public are protected.

The Local Government Act, 1993, amended 1998, sets out requirements for the granting of a lease, licence or other estate in respect of community land.

### **General Conditions**

Council may only grant a lease, licence or other estate for use of Bradfield Park if it is:

- for a purpose specified as a core objective for land categorised as a park (refer section 1.4)
- for activities appropriate to the current and future needs of the community in relation to

wide public purposes such as public recreation and cultural development

- for short term casual purposes as listed below:
- the playing of a musical instrument, or singing, for fee or reward
- engaging in a trade or business
- delivering a public address
- commercial photographic sessions
- picnics and private celebrations such as weddings and family gatherings
- filming for cinema or television

(Note: The use or occupation of Bradfield Park for any of the above-listed short-term casual purposes is allowed only if the use or occupation does not involve the erection of any building or structure of a permanent nature.)

Subleasing of Bradfield Park is only permitted for the same purpose as the original lease.

### **Leases, licences and other estates for periods not exceeding 5 years**

In order for Council to grant a lease, licence or other estate in respect of Bradfield Park for a period that does not exceed 5 years (including any period for which the lease, licence or other estate could be renewed by the exercise of an option), it must:

- give public notice of the proposal, and
- exhibit notice of the proposal on the land to which the proposal relates, and
- exhibit notice of the proposal to such persons as appear to it to own or occupy the land adjoining the community land, and
- give notice of the proposal to any other person, appearing to the Council to be the owner or occupier of land in the vicinity of the community land, if in the opinion of the Council the land the subject of the proposal is likely to form the primary focus of the person's enjoyment of community land.

A notice of the proposal must include:

- information sufficient to identify the community land concerned
- the purpose for which the land will be used under the proposed lease, licence or other estate
- the term of the proposed lease, licence or other estate (including particulars of any options for renewal)
- the name of the person to whom it is proposed to grant the lease, licence or other estate
- a statement that submissions in writing may be made to the Council concerning the proposal within a period, not less than 28 days, specified in the notice

Other requirements

- Any person may make a submission in writing to the Council during the period specified for the purpose in the notice
- Before granting the lease, licence or other estate, the Council must consider all submissions

duly made to it

- On receipt by the Council of a written request from the Minister for Local Government, the proposal is to be referred to the Minister

Final approval of a lease, licence or other estate rests with Council, however, in unusual circumstances, the Minister for Local Government has the discretion to ‘call-in’ a proposed lease, licence or other estate and determine the matter in place of the Council.

Leases, licences and other estates for a period of 5 years or less for use of Bradfield Park for cultural or recreational purposes are not required to be tendered.

### **Leases, licences and other estates for periods exceeding 5 years**

Leases, licences and other estates for use or occupation of Bradfield Park for periods of over 5 years must be tendered unless for a non-profit organisation. The public notification and consultation procedure is as for leases, licences and other estates of 5 years or less. Council must submit leases, licences and other estates of over 5 years (including options to renew) to the Minister for Local Government for his approval.

Leases, licences or other estates may not be granted for a period exceeding 21 years. (This includes any period for which the lease, licence or other estate could be renewed by the exercise of an option.)

### **Uses of Community Land for which leases, licences and other estates are not required**

Exemptions regarding the granting of lease, licence or other estate in respect of Bradfield Park for terms of 5 years or less may be granted in the following cases:

- Use and occupation of the land for events such as:
  - (i) a public performance (that is, a theatrical, musical or other entertainment for the amusement of the public)
  - (ii) the playing of a musical instrument, or singing, for fee or reward
  - (iii) playing of any lawful game or sport
  - (iv) delivering a public address
  - (v) conducting a commercial photographic session
  - (vi) picnics and private celebrations such as weddings and family gatherings
  - (vii) filming for cinema or television

However, the use or occupation of community land for the events listed above is exempt only if:

- (a) the use or occupation does not involve the erection of any building or structure of a permanent nature,
- (b) in the case of any use or occupation that occurs only once, it does not continue for more than 3 consecutive days, and
- (c) the case of any use or occupation that occurs more than once, each occurrence is for no more than 3 consecutive days, not including Saturday and Sunday, and the period

from the first occurrence until the last occurrence is not more than 12 months.

North Sydney Council is proposing to enter into a new lease with the current tenants of the restaurant located in the former bowling clubhouse in later 2007 when current renovation work to the toilets is complete. Additionally, it is proposed to lease the community centre side of the former bowling clubhouse to the Kirribilli Neighbourhood Centre for a term of 3 years, to enable the establishment of a Wellness Centre. This lease is due to commence in about December 2007, upon completion of the current upgrading works.

## 1.6 Community Consultation

Community consultation plays an important role in the production of any Plan of Management. It provides Council with a sound understanding of relevant local issues from people who are familiar with and use the open space areas in question. To a large degree, the direction for the future development of open space is based on the views expressed by the general public.

Public involvement and consultation generates an understanding of Council's land management aims, combats misinformation and misunderstanding, and fosters support for Council's programs and policies. The consent and co-operation of the users of open space facilitates management and lends weight to the status of the Bradfield Park Plan of Management.

Since the adoption of the Bradfield Park Plan of Management 2001, a Recreational Needs Study has been undertaken. Completed in 2005, the Study entailed a high degree of community and stakeholder involvement in its preparation and provided useful information from users of Bradfield Park that has been incorporated into this document.

Exhibition of the draft Bradfield Park Plan of Management for a 28-day period, followed by a 14-day period to receive submissions allows interested parties to comment on and have input into the final document. In order to generate widespread community awareness of the draft Plan of Management, the following steps have been undertaken:

- Regular advertisements in Council's corporate advertisement in the Mosman Daily
- Copy of the draft document posted on Council's website
- Copies of the draft document available from Council's Customer Service Centre (free of charge)
- Letters and a copy of the draft Plan sent to all Precincts in the immediate vicinity of Bradfield Park
- Letters sent to all active Precincts in the North Sydney Council area
- Letters and a copy of the draft Plan sent to other known user groups and stakeholders (for example the Roads and Traffic Authority)

### Writing a Submission

Submissions give all stakeholders an opportunity to express their opinions, provide information and suggest alternatives to Council's proposed management strategies for Bradfield Park over the next 5 years.

To ensure submissions are as effective as possible:

- (1) List all points according to the section and page number in the Plan of Management.

- (2) Briefly describe each subject or issue you wish to discuss.
- (3) State which strategies you agree or disagree with, and give reasons.
- (4) Suggest alternatives to deal with any issue with which you disagree.

Written submissions should be sent to:

The General Manager  
North Sydney Council  
P O Box 12  
NORTH SYDNEY NSW 2059

Attention: Ms Megan White  
Landscape Planner

Fax No: 9936-8177

Email: [council@northsydney.nsw.gov.au](mailto:council@northsydney.nsw.gov.au)

Comments regarding this or any other adopted Plan of Management may be submitted at any time. Each Plan is reviewed regularly, and at the time of the review new issues can be incorporated and existing actions amended. Adopted Plans of Management may be viewed and downloaded from Council's website: [www.northsydney.nsw.gov.au](http://www.northsydney.nsw.gov.au)

## 2.0 **Characteristics and Resources**

### 2.1 **Site Location and General Description**

Bradfield Park is one of North Sydney's largest and most significant areas of open space with extensive views of Sydney harbour, the Harbour Bridge and the city. It has national historical significance and is an important recreational asset to both the local and wider community. The Park is located on Milsons Point, immediately beneath the northern approaches to the Sydney Harbour Bridge.

The Park can be broadly divided into 3 sections; the section from Lavender Street to Burton Street (known as Bradfield Park North), the section from Burton Street to Fitzroy Street (known as Bradfield Park Central) and the main section of the park bounded by Fitzroy Street, Alfred Street South and Broughton Street (Bradfield Park South). The Park covers an area of some 50,000 square metres, and encompasses a number of landuses and activities.

Recently upgraded, the northern section of Bradfield Park is now an intimate and inviting space. It contains seating, pathways, interpretive structures, lighting, signage, feature planting and a memorial drinking fountain.

One of the two entrances to Milsons Point Station leads into Bradfield Park, and the main supporting pylons of the Harbour Bridge run through the centre of the Park. Fitzroy Street bisects the Park, and Burton Street (now closed), also intrudes into the green space.

Located between Burton Street and Fitzroy Street on the western side of the Park is Bradfield Park Central. This space currently consists of a small car park, the 2 former bowling greens and the ex-bowling clubhouse, now the Bradfield Park Community Centre.

The southern portion of Bradfield Park primarily consists of a broad swathe of open grassland that slopes down to the water's edge below the Harbour Bridge. This grassed area is punctuated by a variety of features including Bradfield Plaza, a children's playground, tree planting pedestrian pathways and various items of park furniture.

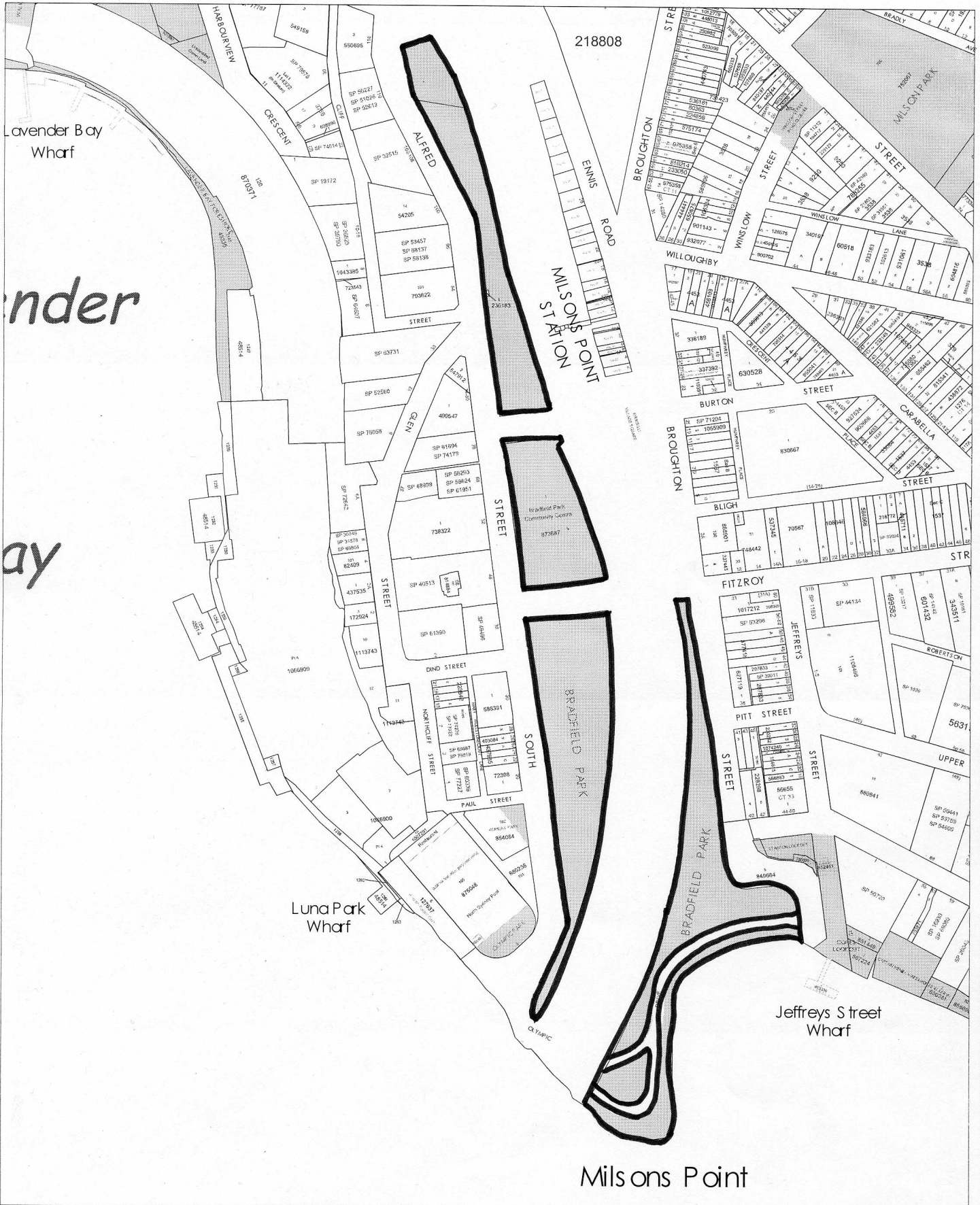
On the western side of Bradfield Park, residential towers and some commercial office buildings dominate the landscape. Other significant landuses on the western side of the Park are the recreation areas of Luna Park and the North Sydney Olympic Pool. To the east of the Park the landuse is predominantly residential. A number of schools are located within easy walking distance of the Park.

### 2.2 **Site History and Heritage**

The land on which Bradfield Park now stands was initially slow to develop due to the inaccessible nature of the topography. However, by the time the Harbour Bridge was proposed in 1922, successive reclamation works had created a more usable shoreline, and construction of the northern approaches to the Bridge resulted in the resumption and demolition of 438 houses, mainly working class terraces.

The removal of all site facilities connected to the construction of the Bridge presented an opportunity to address the needs of the local people by providing recreational facilities on the now-vacant land. At the time of its opening in 1932, Council did not own the land beneath the Bridge, however in 1935, following a good deal of public discussion and pressure exerted

# BRADFIELD PARK



## North Sydney Council

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by various influential public figures including Alderman Primrose, an area of nearly 14 acres from the Harbour Bridge residues at Milsons Point was vested in the North Sydney Council for the purpose of parks and recreation. This move echoed the dedication of land for similar purposes on the south side of the Harbour Bridge. The area was named Bradfield Park after J J C Bradfield, Chief Engineer of the Harbour Bridge construction.

Confident that the land would soon be handed over to Council, a comprehensive plan for the layout of the proposed Park was developed by the Council's engineers and adopted in 1934. Some of the features proposed in the original report including pathways and various tree plantings were implemented and are still apparent today.

In 1941, the bow of the HMAS Sydney was installed in Bradfield Park overlooking Sydney Cove. The bow, commemorating the battle between the Australian cruiser "Sydney" and the German raiding cruiser "Emden" was donated by the Royal Australian Historical Society, and installed on the 27th anniversary of the battle.

Until 2001 a Bowling Club occupied the area of the Park located between Burton and Fitzroy Streets. The Club had its beginnings in 1950 when a group of North Sydney bowlers belonging to the Gallipoli Legion Memorial Bowling Club in Loftus Street, Sydney, received permission from North Sydney Council to clear the central area of Bradfield Park and establish bowling greens and a clubhouse. In 1994, Kirribilli Ex-Service Club amalgamated with Gallipoli Legion Memorial Bowling Club and the 20-year lease, commenced in 1981, was transferred to the Kirribilli Ex-Service Community and Bowling Club Limited. The Club did not seek a new lease when this lease expired in 2001.

1988 saw construction of the Sydney Harbour Tunnel commence. This work involved the lower section of the Park being partitioned off and used as a construction depot. Alterations to the seawall and park landscaping also resulted from the disruption, and the General Post Office column, a remnant of the original Sydney GPO in Martin Place then in use as a navigation marker in the harbour, was moved to the Mount Street Plaza. The harbour tunnel was completed in 1992. A large ventilation unit, clearly visible on the lower slopes of the Park, is an ever-present reminder of its existence.

In 1991 a cast-iron and stainless steel fence was erected along the harbour foreshore in Bradfield Park. Stretching from the Jeffreys Street wharf around to the entrance of Luna Park, this fence replicates the fence that runs around Dawes Point on the Circular Quay side of Sydney Harbour.

In 2000 a large steel sculpture by renown Swiss sculptor Bernhard Luginbuhl, known as the 'Australian Angel' was installed overlooking the harbour on the level grassed area at the southernmost tip of the Park. A gift from the Swiss community to the people of Australia, the sculpture was a cultural contribution to the Olympic and Paralympic events.

Since the preparation of the Bradfield Park and Kirribilli Foreshore Master Plan in 1998, and the Plan of Management for Bradfield Park 2001, significant improvements have taken place in the Park. Bradfield Park North was upgraded in 2003, Bradfield Plaza was created in 2006, and a new children's playground was completed in 2007. Also in 2007, the Bradfield Park Heritage Walk was created. These landscape upgrading works are discussed in more detail in Section 3.3 – Improvement Works. Council is progressively upgrading the remainder of the Park in accordance with the vision presented in the Bradfield Park and Kirribilli Foreshore Master Plan 1998 as funding permits.

## 2.3 Physical Characteristics

### 2.3.1 Topography

The physical character of the Park today reflects the major earthwork modifications that have occurred on the site. The current topography of the site varies from relatively flat, around the entrance to Milsons Point Station on the western side of the Park, to more sloping, south of Fitzroy Street.

When excavation work for the foundations of the Bridge began in 1925, tonnes of rock chips from the shaping of stone for the facing of the pylons and piers were dumped within the perimeter of Bradfield Park. In addition, crushed rock from the cantilevered tunnels was also dumped in the Park. Much of this material was used as fill to create the final shape of the Park evident today.

### 2.3.2 Geology and Soils

The underlying geology of Bradfield Park is Hawkesbury Sandstone, and the original soil type has been classified as a developed terrain of the Gynea Catena. This soil is a friable, brown, sandy loam containing some clay. Soil depth within the Park is generally very shallow, in the order of 200 mm.

Due to the major earthworks that have taken place in the Park, almost all the natural soil has been removed and replaced by rubble or sandy fill. The fill has a high permeability, and as a result, rainfall infiltrates rapidly. However in some areas of the Park, including most of Bradfield Park North, drainage is poor due to a shallow soil profile (bedrock is located close to the surface). In places where the grass has worn away due to heavy use and uncontrolled stormwater runoff, soil erosion occurs and rubble may be exposed, transported and deposited in areas of the Park where the slope is less.

### 2.3.3 Vegetation

Tree and shrub plantings do not comprise a significant component of the Bradfield Park landscape, however recent landscape improvement works in Bradfield Park North have begun to address this issue. Although some notable plantings exist, the overall visual impression, especially in Bradfield Park South, is one of exposed slopes and open grassed areas. The tree planting that does exist is relatively sparse, and the choice of species lacks consistency.

Existing plantings of note include Cabbage Tree Palms (*Livistona australis*), and Jelly Palms (*Butia capitata*), planted in formation outside Milsons Point Railway Station, a partial row of Hills Weeping Figs (*Ficus hillii*), which extends south from the bus stop near Fitzroy Street, and a row of mixed tree planting which follows the line of Alfred Street from the southern tip of the Park north to the Luna Park entrance arch. A line of Canary Island Date Palms (*Phoenix canariensis*) echoes the curve of the seawall from the Jeffreys Street wharf to the Luna Park entrance and unifies the foreshore section of the Park. Bold planting of low, single species shrubs surround Bradfield Plaza, and the north-western corner of the Park hosts striking feature planting.

## 2.4 Built Form

The main supporting pylons of the Harbour Bridge run through the centre of Bradfield Park and divide the Park lengthwise in plan view. A Roads and Traffic Authority depot is contained within the base of the northern pylon of the Bridge, and adjacent to the pylon is a carpark for the use of RTA employees. Moving north, the open structure of the Harbour Bridge approach terminates at Fitzroy Street, and becomes a large concrete retaining wall. Contained within this wall are the two entrances to Milsons Point Station, one of which leads out into Bradfield Park.

The newly constructed Bradfield Plaza is a significant structure within Bradfield Park, and the Bradfield Park Community Centre (previously the Bowling Club) is another prominent element. The ventilation unit that services the Sydney Harbour Tunnel is a visually intrusive feature located in the lower section of the Park, facing directly across to the Opera House.

The Park contains a large amount of park furniture including a rotunda, picnic tables, seats and benches and a memorial drinking fountain. A new bronze sculpture was installed on the drinking fountain in 2007. Two stone shelters on the harbour foreshore house the floodlights that illuminate the Bridge at night. The newly constructed children's playground, located at the corner of Fitzroy Street and Alfred Street South, is a significant new feature of the Park, however sensitive use of 'see through' cable-style equipment ensures that its visual impact on views through and out of the Park is minimised. An automated amenities block is located in the southern section of the Park, bordering Fitzroy Street.

The adjacent Kirribilli residential area features a mix of single-family dwellings, residential flat buildings and multiple family housing. Bordering Alfred Street South on the western side of the Park, the Milsons Point area consists of a diverse range of buildings including a multi-storey hotel, an historic sandstone church and numerous multi-storey residential buildings that cause significant overshadowing of the Park.

## 2.5 Current Activities Within the Park

Bradfield Park is a popular park, accommodating a range of recreation activities including walking, relaxing, picnicking and socialising, exercising, fishing and viewing the city, the harbour and the Bridge. Bradfield Park North is mainly used by commuters passing through, and by office workers during lunchtime, while the new children's playground caters for children of all ages, and is a particularly well-visited part of the Park.

Throughout the day, Bradfield Park is regularly used by commuters moving to and from transportation hubs located within or near to the Park. Milsons Point train station, Jeffreys Street ferry wharf and Milsons Point ferry wharf may all be reached by walking through the Park. A number of buses regularly follow the Olympic Drive loop road which runs around the southern tip of the Park, and Broughton Street, which borders the Park, is a drop-off and collection point for several hundred secondary school children who attend the various schools located nearby.

Several schools are located within easy walking distance of Bradfield Park, and school children are some of the most regular Park users. School groups use Bradfield Plaza regularly during lunchtime and after school. Loreto School and St Aloysius College have both requested and been granted permission to use the Park during their lunch breaks and for informal sports and games throughout the day. Council attempts to minimise conflict between school children and other people using the Park by restricting the schools' use of the Park to a designated area adjacent to

the RTA depot in the southern section of the Park, and by specifying that all activities taking place must be compatible with the primary function of the Park as an area for passive recreation. Teachers must supervise all use of the Park by schools.

A popular event that occurs regularly in Bradfield Park is the Kirribilli markets. Held on the last Saturday of each month, the markets consist of around 200 stalls that offer everything from local handmade arts and crafts to second-hand goods and a wide variety of food. The Kirribilli markets draw many people to Bradfield Park, and are an acknowledged meeting place for the local community. The markets are currently located on the former bowling greens and in the Burton Street tunnel.

People move through the rest of the Park on their way to and from the markets, and disperse out into the Park following their visit. During summer the peak period of visitor use occurs in the mornings, before the heat of the day, while in winter peak use occurs in the middle of the day. The smaller, more specialised, Kirribilli Art and Design Markets are relatively new markets held in Bradfield Park (mainly in the Burton Street tunnel section) on the second Sunday of the month.

The ex-bowling club clubhouse located between Burton Street and Fitzroy Street on the western side of the Park is now operating as the Bradfield Park Community Centre. It currently also houses the 'Bowlo' Restaurant.

Bradfield Park is a major harbourside venue for watching harbour events, and from which to view the city. In 2000 a formal lookout was installed above the harbour tunnel ventilation unit, in a location regularly visited by numerous tour bus companies due to the excellent views it affords. Pressure on the physical environment of Bradfield Park as a result of other parts of the Park being increasingly used as lookouts must be taken into account in the future management of the Park.

Due to its size and prestigious location, Bradfield Park is a popular venue for special events and activities. The Park plays host to key harbourside events such as the annual New Year's Eve and Australia Day celebrations. Other significant events held in the Park have included the Australian Celtic Day Festival and 'Jazz by the Bridge', part of the inaugural Sydney Harbour Picnic Day activities held in 2004. The Park, in particular the Bradfield Plaza area, also functions as the starting point (and the marshalling area) for events including the Sydney Marathon, the MS Fun Run and the Seven Bridges Walk Event, a 22 km closed loop circuit that utilises pathways around Sydney Harbour.

## **2.6 Bradfield Park and Kirribilli Foreshore Master Plan**

Council's original Plan of Management for Bradfield Park 1995, recognised the Park's local, metropolitan and regional significance and identified the need to prepare a landscape Master Plan for the Park to guide future design development and required upgrading work. This sentiment was echoed in North Sydney Council's Area Character Study completed in 1997 which acknowledged that upgrading of Bradfield Park was required, stating that '*increases in the residential population necessitates the park's improvement*' and that '*the Bradfield Park Master Plan will achieve this*'.

Ian Keirnan and Clr Genia McCaffery launched the draft Bradfield Park and Kirribilli Foreshore Master Plan in February 1998 at a well-attended event held in the Park. The final landscape Master Plan, adopted by Council in July 1998, was based on a thorough analysis of existing site conditions, the site's harbour and urban context, Council's strategic directions and the stated

needs and aspirations of local residents and other key stakeholders. The principal objectives of the Master Plan are outlined below:

- To recognise and balance the national and metropolitan as well as the local significance of the Park
- To allow for a range of informal recreational uses within the Park
- To integrate all access strategies for the Park with those for major adjoining public land uses (Pool, Luna Park etc)
- To reflect the strategic harbourside location in the design of the Park
- To establish landuses that do not impact adversely on amenity of adjoining residences and other landuses
- To retain and enhance important views across the Park to the harbour and city and to the Park from the city

The Master Plan is currently being implemented in stages, with construction commencing as funding permits. Detailed designs are being prepared for each stage, providing further opportunity for community input. Principal features of the preferred landscape Master Plan for Bradfield Park and the Kirribilli Foreshore are contained in Appendix 2.

### 3.0 **Planning Issues**

#### 3.1 **Background**

Bradfield Park is subject to a range of pressures from a variety of sources. Problems such as soil pollution, uncontrolled stormwater drainage causing excessive wear of various grassed surfaces in the Park and conflicts between user groups all increase the Park's susceptibility to a range of management problems. Prolonged pressure can lead to a significant degrading of the park environment. As an aid to devising solutions to these negative influences, it is important that the issues be identified and analysed. Following is a brief outline of the current major planning issues affecting Bradfield Park.

#### 3.2 **Landscape Character and Heritage**

The landscape character of Bradfield Park has evolved over time in response to a number of factors. Initially the Park was the site of major earthworks as a result of Bridge construction works that resulted in extensive reshaping of the land surface and the removal of vegetation. The character of the Park today bears little relationship to the original appearance and nature of the site.

Past failure to create a strong and cohesive landscape character is something the Bradfield Park and Kirribilli Foreshore Master Plan seeks to address. Recent landscaping works in Bradfield Park North have sought to develop this more cohesive character that will continue to be developed as the southern sections of the Park are upgraded. The new landscape works also provide increased visual amenity and shade.

The addition of a cast-iron railing along the Bradfield Park foreshore is an attempt to re-establish a consistent character on both sides of the harbour. The railing is consistent with one installed in the vicinity of Circular Quay and Dawes Point. The planting of a row of Canary Island Date Palms, along the foreshore in Bradfield Park further emphasises this link. Other opportunities to establish links between the two sides of the harbour should be pursued as the resulting consistency contributes to the aesthetic value of Sydney harbour as a whole.

The retention of views out of Bradfield Park is an issue of major significance, as many visitors to the Park come for the express purpose of watching harbour activities and viewing the city. All new plantings within the Park should take into consideration not only the desired landscape character of each particular section of the Park, but the potential impacts on views out of the Park. The retention of these views is essential to Bradfield Park's function as a lookout.

Due to its size and its prominent location, Bradfield Park, in particular the open, grassy slopes in the south, makes a significant contribution to the visual amenity of Sydney Harbour as a whole. Together with areas such as the Botanic Gardens and Dawes Point on the southern side of the harbour, the Park forms a partial green belt along the harbour foreshore that softens the transition from the water to dense urban development. When assessing any new proposals for additional planting and other landscaping, consideration must be given to the appearance of the Park from the water and from the southern side of the harbour.

Bradfield Park is part of a buffer zone developed to protect the setting of the Sydney Opera House as a result of the Opera House's inscription on the World Heritage List in 2007. The buffer zone is managed through the Sydney Regional Environmental Plan (Sydney Harbour Catchment) 2005.

The Harbour REP contains principles and provisions for planning for the Sydney Harbour Catchment including the Sydney Opera House site (called the Foreshores and Waterways Area).

The buffer zone is subject to additional planning rules and provisions aimed at further protecting the World Heritage values of the Sydney Opera House. The Minister for Planning is required to ensure that any development within the buffer zone satisfies certain criteria for consideration before granting consent under the Harbour REP. Issues for consideration include a range of matters such as ecology and environmental protection, protection and enhancement of views, public access and preserving the scenic quality of the foreshores and waterways.

To be approved, a development in the buffer zone will need to preserve the World Heritage values of the Sydney Opera House; to preserve views and vistas between the property and other public places within the buffer zone; and to avoid any diminution of the Sydney Opera House when viewed from other public places within that zone. Any proposed development within the buffer zone would need to address these matters in its application.

Bradfield Park occupies an important place in the early development of Sydney. Construction of the Harbour Bridge, formation of Bradfield Park and the establishment of the adjacent special use recreation areas of Luna Park and the North Sydney Olympic Pool have all had a significant impact both on the use and the visual appearance of this northern harbour foreshore area.

The historic significance of the Park, the Harbour Bridge and various items of heritage significance within the Park should be acknowledged and interpreted, a process that has commenced with the installation of a Heritage Walk and interpretive signage in Bradfield Park North. Interpretive signage has been scheduled for installation in Bradfield Plaza in the near future, and it is planned to continue the Heritage Walk south, as subsequent areas of the Park are upgraded.

### **3.3 Improvement Works**

Since the adoption of the landscape Master Plan for Bradfield Park and the Kirribilli Foreshore by Council in 1998, detailed designs have been prepared for various sections of the Park based on identified areas of priority, and some upgrading works have occurred. Significant projects that have been completed or have commenced since the preparation of the landscape Master Plan and the adoption of the Bradfield Park Plan of Management 2001 include:

#### **3.3.1 Restoration of the Bow of the HMAS Sydney**

In December 2001 the bow of the HMAS Sydney, located on the harbour foreshore in Bradfield Park was restored under the guidance of a conservation specialist. The accompanying plaques were also restored. As the bow is located in a position affected by weather, high winds and pollution, a program of regular maintenance was recommended and is currently being implemented.

#### **3.3.2 Bradfield Park North Upgrading**

In 2003, the northern area of Bradfield Park bordering Alfred Street South between Lavender Street and the Burton Street Tunnel was significantly upgraded. Work carried out included installation of new paving and lighting, stormwater, drainage and irrigation works, planting, and provision of park furniture including seats and bollards.

The design and construction has resulted in a great improvement to the amenity of the area. Before the upgrade, this area of the Park functioned primarily as a transition zone, used mainly by people passing through the Park. Now, with the creation of more intimate and amenable spaces, Bradfield Park North has become a destination, and is regularly visited by people lunching, picnicking and reading.

Major features of the upgraded Bradfield Park North landscape include:

- Upgraded lawn areas incorporating feature heritage pavements
- Low shrub planting against Bridge approach walls
- Reconfiguration of the Milsons Point Station entrance with the establishment of a paved plaza area featuring stone-clad seating walls and raised lawn areas with feature planting
- Enhancement of the Burton Street Tunnel, including a new suspended lighting structure
- Creation of a 'gateway' at the northern end of the Park, including a park name sign wall, upgraded rockery garden and palm tree plantings

### 3.3.3 Design and Construction of Bradfield Plaza

In 2005 a significant upgrading of the area beneath the Harbour Bridge adjacent to Fitzroy Street, Kirribilli, took place. The work was undertaken in conjunction with the RTA, which funded  $\frac{2}{3}$  of the works, to address a number of issues including uncontrolled stormwater drainage off the Bridge carriageway/structure and the consequent degraded condition of the existing ground surface finish and general security concerns. The project also aimed to address the issue of the Bradfield Park amenities block that was in poor condition and inappropriately located.

In addition to addressing these key concerns, the new design has created a functional recreational space that blends with the surrounding parkland and urban environment. It has also overcome problems of poor solar and visual access. Finishes chosen for the site blend aesthetically with the surrounding environment including the Sydney Harbour Bridge and the adjoining foreshore.

Key features of the new Plaza include:

- Low walling around the edge of the Plaza that acts as informal seating
- Paving with a diagonal pattern that reflects the structural members in the Bridge
- Pole-mounted lighting to brighten the area, with associated security benefits
- Up-lighting to accent the architectural features of the Bridge abutment
- Landscaping with species suitable to areas receiving minimal sunlight
- Relocation of 2 mature Hills Weeping Figs
- Upgrading of the heavily utilised bus stop area along Broughton Street, including paving and informal seating.
- Increased accessibility for all members of the community
- Signage walls at key entrance/exit points to create a sense of identity
- Demolition of the existing toilet blocks and the provision of a new modular style self-managing toilet facility in a more appropriate location, bordering Fitzroy Street.

Since completion in late 2006, this area of Bradfield Park has been transformed from a little used, run-down area into a usable space that is enjoying increasing levels of patronage. The Plaza has proved particularly popular at lunchtimes and during peak commuting periods, in addition to catering for informal recreational activities at other times. Other anticipated uses of the Plaza include as a marshalling area for managed park access associated with key harbourside events such as the New Year's Eve fireworks, and as a site for markets or other community events, subject to the appropriate approvals being obtained.

#### 3.3.4 Bradfield Park Playground Upgrading

In early 2007 a new regional playground was installed in Bradfield Park. Designed in-house, the new playground is a fitting addition to this high profile and much-frequented Park. The predominantly 'cable-style' equipment has minimal impact on views into and through the Park, while complementing the geometry and colour scheme of the nearby Harbour Bridge.

Key features of the custom-designed playground include:

- Caters to a wide age range, but separates the age groups
- Caters to many children at the one time
- Contains many accessible activities
- Shaded by 2 mature fig trees
- Contains ancillary facilities including an accessible bubbler, picnic tables and an informal seating wall
- Is fully fenced
- Landscaping and garden beds are key features of the design

Since its opening, the new playground has proved to be extremely popular with both local residents and visitors to the North Sydney area. It is a destination for parents and carers with young children, and for mothers' groups, while the challenging 'cable-style' equipment provides a stimulating environment for older children.

#### 3.3.5 Bradfield Park Heritage Walk

The Bradfield Park Heritage Walk features a series of interpretive signs along the path from the rockery garden and fountain at the northern end of Bradfield Park near Lavender Street, through to Milsons Point Station just below the Bridge. The interpretive signs on the walk tell the story, through words and pictures, of the area's progressive development from Aboriginal habitation, land grants, resumption of properties for the construction of the Harbour Bridge, the impact of Bridge construction on the North Sydney community, and the creation of Bradfield Park.

North Sydney Council built the fountain in the centre of the rockery garden in 1953 using funds bequeathed by Ms Jessie Broomfield specifically for the provision of "drinking fountains (for humans) and troughs for dogs". The new bronze fox terrier, sculpted by artist Clary Akon, creates an intriguing focal point to the northern end of the park, highlighting the original intent of the fountain in a light-hearted way to passers-by.

Opened in March 2007 to commemorate the 75<sup>th</sup> anniversary of the completion of the

Harbour Bridge, the new walk is the first stage of what will become a more extensive heritage trail. The trail will be developed southwards through Bradfield Park and down to the harbour's edge in line with the upgrading of other sections of the Park in accordance with the Bradfield Park and Kirribilli Foreshore Master Plan. The Heritage Walk adds a layer of meaning to the experience of people visiting Bradfield Park.

### 3.3.6 Future Projects

Other upgrading and improvement works are scheduled for completion or commencement during the life of this Plan of Management. These include:

- Bradfield Park Water Reuse Scheme and Irrigation
- Construction of an amenities block in the southern area of the Park (on Olympic Drive)
- Upgrading of the Bradfield Park Community Centre/Restaurant Building
- Installation of interpretive signage in Bradfield Park Plaza
- Footpath improvement/tree planting etc in Bradfield Park South/Broughton Street
- Bradfield Park Central – Investigation and Planning Stage:
  - Archaeological Investigation
  - Geotechnical Investigation
  - Heritage Impact Study
  - Contamination Study
- Bradfield Park South – Investigation and Planning Stage:
  - Archaeological Investigation
  - Geotechnical Investigation
  - Heritage Impact Study
  - Contamination Study
- Bradfield Park Central Design
- Bradfield Park South Design

Specific scheduling details for these and other planned projects are contained within section 5.2 of this document – Indicative Works Program.

A number of other projects to be funded by the RTA, and to be carried out by the RTA in consultation with Council, are currently in the planning stages. These include:

- Olympic Drive bus layover upgrade. It is anticipated that this project will be completed in 2008.
- Piping of Bridge scuppers. This work will assist in rectifying some of the current issues with uncontrolled drainage and associated erosion of the Park.
- The RTA is also currently investigating the feasibility of restoring one of the old cranes that were previously used for Bridge maintenance, and installing it in Bradfield Park. Council is currently considering schematic proposals prepared by the RTA concerning where the crane may be located and how it may be safely mounted in the Park.

## 3.4 **Structures and Furniture**

This Plan of Management looks at long-term policy and directions for all structures and park furniture in Bradfield Park. Previously, existing structures, park furniture and signage developed in an ad hoc fashion, and whilst generally in reasonable condition, have lacked consistency. Surveys indicate that the most used facilities in Bradfield Park include tables and chairs, picnic areas and playground equipment.

The Bradfield Park and Kirribilli Foreshore Master Plan 1998 addresses the issue of providing adequate facilities according to predetermined levels of community need, and identifies the opportunity to co-ordinate furniture and other structures and to install a new informative and low-key signage system in the Park. These issues are being progressively addressed as each section of the Park is upgraded, with a consistent set of materials and furniture used throughout the Bradfield Park precinct, including paving, signage, lighting, seating and planting.

Structures located on the harbour's edge occupy a high profile position particularly when viewed from the water or adjacent foreshore areas. Unless adequately designed and sited, structures within open space areas can be significantly intrusive. Close consideration must be given to the aesthetic appearance of built structures, such as amenities blocks, and all new items should be sympathetic to the existing heritage character of the Park, and to its designated landscape character. The proposed new amenities block to be located on Olympic Drive will provide a much-needed facility for users of this foreshore area, including people walking for exercise and pleasure, and fisher folk, as the recently installed amenities block on Fitzroy Street is a considerable distance from the foreshore.

### **3.5 Recreation and Use**

Bradfield Park caters for the recreational needs of people of all ages living in the North Sydney area. Because of its size and prominent location, the Park is also well used by visitors to North Sydney. This Plan of Management aims to provide guidelines that will ensure the provision of a high quality passive recreational facility and an attractive visual amenity.

Bradfield Park provides a variety of opportunities for recreation. The majority of activities occurring within the Park such as walking, sitting and relaxing are of a passive nature, however informal active pursuits such as the use of Bradfield Plaza by school groups for ball games and physical education, and using the children's playground are also common. Open grassy spaces afford casual park users pleasant spots to sit in both the sun and the shade, and other common forms of park use include picnicking, dog walking, eating lunch and contemplation. The Park also functions as a lookout, attracting visitors to the area to view the harbour and city, and it is a major venue for viewing harbour events.

The popularity of Bradfield Park has led to competition between the various user groups for the available open space. It is important to minimise conflict between user groups and to ensure that all use of the Park is consistent with the core objectives for management of the Park (refer Section 1.4). The extensive nature of Bradfield Park and its predominantly open character makes it well suited to a wide range of recreational pursuits, and, with careful management, able to accommodate a variety of activities at any one time.

Council's Recreational Needs Study 2005 aimed to determine the recreational needs of the North Sydney community, and to devise strategies aimed at meeting these needs. The key Study recommendation that related to Bradfield Park was:

- The need to upgrade facilities in Bradfield Park south of Fitzroy Street

Subsequently several projects have been completed in this area of the Park. Bradfield Plaza addresses a number of problems that were present in the southern section of the Park including stormwater problems and erosion of the grassed surface, and is increasingly being utilised as a recreational space by a variety of user groups. In conjunction with the Plaza, a new automated amenities block has been installed along the Fitzroy Street edge of the Park.

Construction of a new children's playground in Bradfield Park South in early 2007 has provided the Milsons Point and Kirribilli areas with a large, high quality playground that caters for all children from toddlers to teenagers. This fully fenced facility has proved extremely popular since it opened and Council has received positive feedback from the community.

With the increasing trend towards higher residential densities in the Milsons Point area and the perceived lack of pedestrian and residential amenity in the area, the role of Bradfield Park as an important recreational resource will only increase in significance. Management strategies within this Plan need to be flexible and adaptable to provide for the changing recreational needs of the community in relation to Bradfield Park.

Redevelopment of the North Sydney Olympic Pool in 2000/2001 presented Council with an opportunity to provide an outdoor refreshment facility in an open space area close to Bradfield Park. 'Ripples' café is attached to the Pool and provides outdoor seating and dining in an enviable location. Council is currently considering enclosing the small park adjacent to the Pool inside the pool boundaries.

### Bradfield Park Central

The Kirribilli Ex-service Community and Bowling Club Ltd did not seek a renewal of its lease of the portion of Bradfield Park comprising the clubhouse, two bowling greens and a small car park, when the lease expired in 2001, and this area was handed back to Council. In 2002 Council approved a change of use for the site to incorporate a restaurant and a major community facility in the old clubhouse, now known as the Bradfield Park Community Centre. A section of the old clubhouse building was leased to the "Bowlo Restaurant" on a short-term basis.

In 2001 Council called for expressions of interest for the detailed design of Bradfield Park Central with the aim of preparing a high quality design for the area including redesign/refurbishment of external landscape areas and associated former clubhouse premises and creating a new community /recreation focus for Milsons Point and Kirribilli Village. The Design Brief objectives included:

- Upgrade the existing outdoor areas to provide a 'village green' surrounded by paved areas
- Provide for a balance of commercial and community use for the proposed building area
- Provide for close integration between the internal uses of the buildings and external uses of the open space area
- Accommodate the monthly Kirribilli markets within the hard-paved areas
- Improve access and circulation to the site by improving entry points, developing linkages with nearby open space areas, and improving connections between indoor and outdoor spaces and between the site and the adjacent street
- Incorporate interpretive elements within the site that celebrate the history, heritage and cultural value of the site

This project is currently on-hold due to lack of sufficient funding. Additionally, a number of base-line studies are required to inform the detailed design process. These include archaeological, geotechnical and contamination studies. These have been scheduled to commence in the 2008/09 financial year.

In March 2006 Council resolved that opportunities for a Wellness Centre at Bradfield Park Community Centre be developed and brought to Council for consideration. In September 2006, following a program of research and consultation, Kirribilli Neighbourhood Centre and Council's Community Development Department jointly proposed to Council that the North Sydney Wellness Project be launched, focusing on Bradfield Park Community Centre for an initial period of three years, and incorporating activities in Kirribilli Neighbourhood Centre.

For several years the Kirribilli Neighbourhood Centre Market has been held on the former bowling greens, a practice that is unsustainable in the long term due to the impacts of heavy foot traffic on the grass. Kirribilli Neighbourhood Centre and the Council are currently addressing this issue jointly. The Art and Design Market does not pose a problem, as it is small enough to be accommodated on existing hard surfaces. Recently the main markets partially moved off the upper terrace, and are proposing to progressively relocate off the former greens, pending the major development of this part of the Park, as mooted in the Master Plan. In the short term, it is Council's intention to temporarily resurface the north terrace (level with Broughton Street) with compacted gravel for the markets use.

Over the past few years there has been increasing demand from local school groups for use of the former bowling greens to conduct informal sports and games during school hours and at lunchtimes. There has also been some pressure to install artificial turf on the greens to facilitate an intensification of use. Whilst the Plan of Management permits informal sports and games to be played in Bradfield Park, organised sport is not permitted, and to allow the greens to be used for such would be a significant departure from Council's current policy for passive open space areas.

Use of the former bowling greens for informal school sports and games is both currently permitted and possible with the greens in their current form, however it should be noted that retention of this area as a purely grassed playing surface is not compatible with the adopted Bradfield Park and Kirribilli Foreshore Master Plan objectives for the area, as previously outlined. Further, whilst artificial grass would address the current grass-wear issues, it would involve a significant capital cost that is not warranted given that a major upgrade of this space, as outlined in the Master Plan, is pending.

The old bowling club site in front of Bradfield Park Community Centre now serves an important role in the provision of open space, and together with the Broughton Street Tunnel facilities, currently support the monthly Kirribilli Markets and the Art and Design Market. In the medium to long term, this central area of Bradfield Park will be redeveloped in accordance with the Bradfield Park and Kirribilli Foreshore Master Plan 1998, and Council's proposed landscape design for the area allows for retention of a portion of the existing greens, whilst the remainder of the area is redeveloped as the new civic focus for Kirribilli/Milsons Point, including paved areas that can support a range of uses including the markets.

### **3.6 Access and Circulation**

In 2007 Council's Foreshore Access Study was completed. The Study was prepared to promote and improve access links to the North Sydney foreshore for the local and wider community from both land and water. The Study made recommendations for improving access in the Bradfield Park area of the harbour foreshore that included:

- Installation of an amenities block in Bradfield Park South adjoining Olympic Drive
- Enhancement of the north-south access path to foreshore adjoining Broughton Street
- Creation of a cross-park link through Bradfield Park
- Provision of lift access to Sydney Harbour Bridge pedestrian walkway to improve accessibility for a wide range of users
- Incorporation of pedestrian and feature lighting to area of Dr Mary Booth Reserve and Kirribilli Foreshore Reserve foreshore walkways to improve use as a commuter link

A major problem connected with the use and appreciation of many of the parks and reserves within the North Sydney Council area is the limited supply of parking associated with them. There are a number of car parking spaces in the vicinity of Bradfield Park, however the Park is particularly well placed with regard to public transport. Milsons Point train station is located within the Park, the Milsons Point and Jeffrey's Street ferry wharves are both within easy walking distance, and the area is serviced by numerous local buses which cut across the Park on Fitzroy Street and follow Olympic Drive. The Harbour Bridge cycleway is accessible from Bradfield Park, and the pedestrian walkway across the Bridge is accessible from the adjacent Kirribilli Village Plaza. Bicycle racks are located adjacent to Milsons Point Station.

Council's current policy is to encourage alternative modes of transport and to discourage reliance on private cars. This is being done in order to reduce the impact of the car on the environment, to reduce problems associated with traffic congestion and parking and to relieve pressure on local streets. Whilst general vehicular access to the Park is prohibited, adequate access for service and emergency vehicles is provided. A small car park, part of the RTA compound, is accessible to authorised RTA vehicles.

The RTA requires regular access across Council-owned land in Bradfield Park to carry out Bridge works in various sections of the Park under their ownership. Work needs to be undertaken to establish clear and open communication channels between Council and the RTA so that access of RTA vehicles to and through Bradfield Park causes minimal disruption both to Park users and to the condition of the Park.

Bradfield Park's position as a major transportation hub should be recognised and capitalised on. In addition to people walking through the Park to reach one of the public transportation hubs, pedestrians and cyclists crossing the Harbour Bridge also use the Park. There is an opportunity to entice people passing through the Park into stopping and using it.

Recent landscape upgrading works in Bradfield Park North and at the entrance to Milsons Point Station have begun to address the lack of a formalised internal circulation system in the Park, giving definition and meaning to this part of the Park. In other areas, concrete footpaths that run around the perimeter of the Park provide the only formal circulation system. Otherwise, due to the lack of perimeter restrictions and the generally gentle slope of the land, pedestrian circulation within the Park tends to be based on individual needs, and thus essentially haphazard.

Due to both its size and its location, Bradfield Park is an important component of North Sydney Council's foreshore open space system. A connection between Bradfield Park and the Kirribilli

Foreshore open space to the east currently exists, extending to Dr Mary Booth Lookout. This area has recently been upgraded to provide safe pedestrian access along the waterfront while retaining the intimate and vegetated nature of the site. To the west, the publicly accessible open space continues in front of the North Sydney Olympic Pool site and the Luna Park site and around the Lavender Bay foreshore to Quibaree Park. The installation of a new amenities block on the Bradfield Park foreshore will be of great benefit to people walking for pleasure and exercise around the North Sydney foreshore.

### 3.7 **Pollution**

#### 3.7.1 Overview

Pollution in any form is detrimental to quality of life. In the case of Bradfield Park, the presence of various forms of pollution cannot only detract from the overall recreational experience but can have the potential to endanger health. Noise caused by traffic using the Harbour Bridge has a significant impact on Bradfield Park, as does the regular movement of trains across the Bridge. Another type of pollution that can have a major impact on the Park is pollution in the soil; sourced to lead paint, train brake dust and vehicle emissions. This issue in particular needs to be examined closely in order to develop management strategies which minimise the health risk to Park users and which make Bradfield Park a safer and consequently more desirable place in which to be.

#### 3.7.2 Soil Pollution

In 1992, concerns regarding the health risk posed by lead in the vicinity of the Sydney Harbour Bridge led to the RTA commissioning an examination into the environmental consequences of lead from maintenance work on the approaches to the Bridge. The comprehensive study involved sampling 515 soils from 415 sites on both the Bradfield Park and Dawes Point sides of the Harbour Bridge.

The study clearly identified leaded paint as the primary source of pollution under the Bridge approaches. Lead content was found to be very high in these areas, but dropped rapidly away from the plan projection of the Bridge. Other identified sources of soil pollution in Bradfield Park include train brake dust and vehicle emissions. However, in contrast to the leaded paint, uptake of these types of pollution in the soil appears to be greater not under the Bridge approaches, but throughout the rest of the Park.

The study found that lead distribution in the areas close to the Bridge on the northern side of the harbour and including Bradfield Park is affected by factors including the direction of prevailing winds, topography, the various types of use occurring in the Park and topdressing. Uptake of lead in the soil under the Bridge is occurring, but the levels were found to be low and hence insufficient for phytotoxicity.

A detailed health risk assessment examining the type and duration of activities occurring in the Park identified the three most significant user groups; teenage boys engaged in informal sporting activities, office workers having lunch, and young children and carers picnicking and playing. The assessment concluded that even allowing for use of the Park to increase significantly over time, the amount of lead entering the body as a result of these activities is generally unlikely to cause long-term health effects. However, a notable exception was in the under three years age group. Although considered unlikely, for young children playing directly under the plan projection of the Bridge in Dawes Point Park, and to a lesser extent in Bradfield Park, for more than one and a half hours a week may have some deleterious health effects.

The landscape Master Plan for Bradfield Park and the Kirribilli Foreshore 1998, takes the issue of lead in the soil into account. One of the primary design recommendations listed in the Master Plan report is to *'create a series of large-scale terraces formed by importing fill and topsoil over the existing grass slope. The terraces respond to the architectural scale and form of the Bridge pylons, define spaces for different recreational and leisure activities and help resolve the problems of soil erosion and lead in the soil'*.

In 2000, prior to the Sydney Olympics and Paralympics, major maintenance work was carried out on the Bridge. All lead-based paint and primer was stripped, and the stripped flakes were trapped, and prevented from falling into the Park. This work has led to a significant decrease in the amount of lead in the Park originating from the Bridge structure. Additionally Council imports new soil and returfs worn areas in the Park every 1 to 2 years as required to allay concerns.

Given the significant impact which lead can have on the environs of Bradfield Park, the importance of taking the potential effects of lead into consideration when carrying out any construction activities in the Park is paramount. Major works in the Park including the upgrading of Bradfield Park North and the construction of Bradfield Plaza are undertaken only after detailed contamination investigations and assessments have been carried out, including engagement of a site auditor to certify that remediation has been completed to the required standards.

Contaminated soils present at the Bradfield Plaza project site were removed/treated in accordance with a Remediation Action Plan (RAP) prepared by contamination consultants GHD under the requirements of the Contaminated Land Management Act 1997 and SEPP 55. Site Auditor, Environs, oversaw the remediation process.

One of the requirements of the RAP/audit process was that a Site Management Plan (SMP) be prepared at the end of the remediation process to guide the ongoing management of any contaminated soils remaining on the site. The RAP also required that:

- Council induct all personnel intending to undertake work on the site to an appropriate level in environmental and emergency procedures and the requirements of the SMP, and that
- All personnel intending to undertake work on the site be kept informed of any changes in the SMP (through the induction process).

Accordingly it was agreed that the requirements of the SMP be incorporated into/cross-referenced to Council's Bradfield Park Plan of Management and any site-specific OH&S procedures. [Note: At the time of writing, the SMP is yet to be received by Council.]

The new children's playground has been designed and sited taking the issue of lead in the soil into account; the playground is located away from the projection of the Bridge, all under-surfacing is rubber and new garden beds are raised and filled with organic material, meaning that children do not come into contact with the original ground surface.

### **3.8 Drainage**

Uncontrolled stormwater drainage continues to have a significant negative impact on the environment of Bradfield Park, with water coming off the Harbour Bridge carriageway and structure creating problems including erosion of grass cover and the underlying soil. This not only results in unsightly areas that are unappealing to users, but also potentially exposes lead in the soil.

The construction of Bradfield Plaza is one example of how this issue can be permanently addressed. This work was undertaken in conjunction with the RTA, which funded  $\frac{2}{3}$  of the project, to address uncontrolled stormwater off the Bridge, and the consequently degraded condition of the existing ground surface underneath. The regular replacement of soil and turf cover in this area by Council has only ever been successful as a short-term solution.

Other projects designed to overcome the negative impacts of uncontrolled stormwater drainage in the Park are currently in the planning stages. To be funded by the RTA, and to be implemented by the RTA in consultation with North Sydney Council, these include piping of Bridge scuppers.

### **3.9 Management**

The Bradfield Park Plan of Management aims to provide guidelines for the future use, development, management and maintenance of this significant area of open space. North Sydney Council owns Bradfield Park, with the exception of the Harbour Bridge pylons and associated support structures, and the land directly in the shadow of the northern Bridge approaches that is owned by the RTA. Council is currently negotiating for the return of the land in the southern section of the Park that was resumed by the RTA for construction of the Harbour tunnel.

The need for ongoing maintenance is an important issue which influences not only landscape character but also affects general safety levels. Scheduled maintenance currently occurs daily in Bradfield Park. The effectiveness of maintenance is a function of a number of factors including the type and extent of machinery available, the level of experience and expertise of personnel, and the frequency of each operation. Efficient maintenance practices allow cost savings to be made, permitting funds to be redirected to other important areas.

Current management has focused on achieving an acceptable standard of maintenance for Bradfield Park in light of its high visual profile and high level of use. The current staffing levels and budget for management and maintenance of Bradfield Park may vary over time as new issues become relevant and community needs and priorities change.

The RTA has a charter to enhance security for the Sydney Harbour Bridge. This is reflected in the recent Bradfield Plaza upgrade and the planned Olympic Drive works (refer Section 3.3.6). The RTA has undertaken to work together with North Sydney Council to ensure these projects are delivered to the material benefit of both organisations, with issues including aesthetics and functionality considered along with security. It is important to formalise channels of communication between Council and the RTA to ensure that future projects are undertaken with the same level of co-operation to ensure successful outcomes.

The incorporation of community participation in the planning process is also an important management tool. There must be enough scope within this Plan to allow for the active involvement of the community. Ways in which the community can participate in the management and maintenance of Bradfield Park should continue to be explored, as a sense of community ownership can lead to a reduction in anti-social activities such as vandalism. Opportunities to involve the community in future design work in Bradfield Park should be pursued, and initiatives by residents to become involved in the life of the Park should be encouraged within the parameters of this Plan.

### 3.9.1 Managed Access

In 2002, North Sydney Council introduced a program of managed access to Bradfield Park for the New Year's Eve event. Managed access monitors and regulates the entry of spectators to Bradfield Park and the associated foreshore area. Entry is via checkpoints, with fencing enclosing the perimeter of the site and preventing general access. BYO alcohol and glass are not permitted to be taken into the managed access area, however alcohol is available within the managed access area from licensed bars observing Responsible Service of Alcohol Guidelines.

The aim of the managed access area is to:

- Provide a safe and secure precinct and a pleasant atmosphere for families and the community to enjoy New Year's Eve celebrations
- Reduce overcrowding by controlling access to the site
- Reduce accidents and injuries that occur as a result of broken glass by eliminating the consumption of alcohol contained in glass bottles
- Reduce incidents of intoxication
- Reduce incidents of crime
- Eliminate under-age drinking

The success of managed access at Bradfield Park can be measured by the significant reduction in the type and severity of the incidents listed above. Positive feedback has also been received from organisations including Ambulance Services, NSW Police, St Johns Ambulance volunteers and NSW Health.

## 4.0 **Basis for Management**

### 4.1 **Philosophical Basis for the Plan of Management**

The primary aim of the Bradfield Park Plan of Management is to provide guidelines for future use, development, management and maintenance of the Park. Bradfield Park is a significant and historically important piece of open space, contributing to the visual enhancement of the Sydney harbour foreshore, and meeting the recreational needs of local residents, the wider North Sydney community and visitors to North Sydney. It is the responsibility of management to maximise the potential of the Park, ensuring that it is adequately maintained, that it continues to cater for a range of activities and a range of users, that conflicts between user groups are kept to a minimum, and that any future development is compatible with the desired landscape character and the heritage values of the Park.

Management must be responsive to the changing needs of the community and users, and the Plan of Management must have the flexibility to incorporate and take advantage of future requirements and changing needs as they arise. The plan must provide both short and long term policy, and be flexible enough to respond to social changes.

### 4.2 **Management Objectives**

Based on legislative requirements, community needs and expectations, and the values and assets of Bradfield Park itself, the following broad, primary management objectives have been identified:

- To manage the land for public recreation and cultural activities in accordance with the overall objectives of the North Sydney Council Management Plan;
- To ensure management of Bradfield Park is consistent with key strategic documents including the Sydney Harbour Regional Environmental Plan (Sydney Harbour Catchment) 2005, the Sydney Harbour Catchment Blueprint 2002, the Sydney Harbour Bridge Conservation Management Plan 2007, and the Sydney Harbour Bridge Interpretation Plan 2007;
- To ensure all new development in the Park is consistent with the Park's location within the buffer zone developed to protect the Opera House as a result of its inscription of the World Heritage List in 2007;
- To upgrade the physical environment of the Park in accordance with the aims and vision contained in the Bradfield Park and Kirribilli Foreshore Master Plan 1998;
- To provide and maintain a high quality recreation facility that meets the needs of the local users and the wider community, including visitors to North Sydney;
- To define, promote and maintain an appropriate landscape character for Bradfield Park;
- To recognise and encourage an understanding and appreciation of the historical and heritage significance of the Park;

- To upgrade the existing recreational and cultural environment and the aesthetics of the Park where required;
- To work with the RTA to ensure projects are delivered to the material benefit of both the RTA and North Sydney Council;
- To ensure the Park is accessible to the general community;
- To ensure views of the harbour, the Bridge and the city are maintained;
- To cater for users with physical impairments where practical within the physical constraints of the Park;
- To take a consistent approach to management of Bradfield Park and to maintain the Park to an acceptable standard;
- To manage the playground as per North Sydney Council's Playgrounds Plan of Management;
- To ensure the Plan of Management is flexible and able to evolve with changing community attitudes;
- To minimise the adverse effects of pollution and stormwater runoff on the Park;
- To minimise conflict between Park users;
- To provide for public safety;
- To encourage community involvement in the management of Bradfield Park;
- To emphasise the connection between the significant recreational resources of Bradfield Park, Luna Park and the North Sydney Olympic Pool;

These objectives have been used in the subsequent management issues to guide policy development and formulation of the action plan.

## 5.0 **Policy, Implementation and Performance**

The policies established in this Plan of Management provide the framework for management consistent with anticipated availability of resources and anticipated community trends.

The priority ratings outlined on the following pages are subject to the availability of necessary staff and funds, and may require modification if special circumstances arise.

Codes used to define priorities in the following matrix:

ST	(Short Term)	Action completed within 2 years
MT	(Medium Term)	Action completed within 2-4 years
LT	(Long Term)	Action commenced after 4 years *
O	(Ongoing)	Action is carried out on a regular basis for the life of this Plan of Management
C	(Commenced)	Action has commenced
CP	(Completed)	Action has been carried out

\* Note:

This Plan of Management is relevant for a 5-year period, and will be extensively reviewed and updated at the end of this time. As defined by this document, long-term projects are those that are scheduled for commencement but not necessarily completion within the life of this Plan.

## 5.1 Matrix

### IMAGE AND CHARACTER

Issue	Objective	Action	Comments	Priority	Performance Indicators	References
Landscape Amenity and Aesthetics	To ensure Bradfield Park has a high amenity value.	Assess all detailed landscape design proposals for their consistency with the desired landscape character of the Park as set out in the Bradfield Park and Kirribilli Foreshore Master Plan.	Planning and design objectives for the Park are contained within the Master Plan.	O	All new landscaping work is appropriate.	Bradfield Park and Kirribilli Foreshore Master Plan 1998.
	To retain and enhance important views across the Park to the harbour and city, and to the Park from the city.	Take into consideration the buffer zone developed to protect the setting of the Sydney Opera House as a result of its inscription on the World Heritage List in 2007.	To be approved, a development in the buffer zone will need to comply with Sydney Harbour Regional Environmental Plan (Sydney Harbour Catchment) 2005 and preserve the World Heritage values of the Sydney Opera House.	O	Appropriate approvals gained.	Sydney Harbour Regional Environmental Plan (Sydney Harbour Catchment) 2005.
		Site new plantings and built structures taking views out of the Park into consideration.	One of the most important functions of the Park is as a lookout.	O	Feedback from stakeholders.	Bradfield Park and Kirribilli Foreshore Master Plan 1998.
		Minimise planting of tall, dense and spreading species along the harbour foreshore.		O	All detailed designs take this into account.	Bradfield Park and Kirribilli Foreshore Master Plan 1998.

Issue	Objective	Action	Comments	Priority	Performance Indicators	References
		Maintain the largely open grassland character of the Park.	This allows the structure of the Harbour Bridge and its northern approaches to be clearly seen.	O		Sydney Harbour Bridge Conservation Management Plan 1998.
	To use planting to complement and enhance the Park's special qualities and character.	Select, plant and establish suitable species of trees, shrubs and ground covers.	All new plantings to conform to the objectives of the Bradfield Park and Kirribilli Foreshore Master Plan.	O	New plantings are appropriate	Bradfield Park and Kirribilli Foreshore Master Plan 1998.
	To manage existing vegetation using best-practice horticultural techniques, and in accordance with the Bradfield Park and Kirribilli Foreshore Master Plan.	Carry out regular, ongoing maintenance works as required to conserve appropriate existing vegetation.	Refer Issue 'Maintenance'.	O	User satisfaction - amount of feedback received from stakeholders annually.	Bradfield Park and Kirribilli Foreshore Master Plan 1998.
		Relocate inappropriately sited species.	The relocation of a number of trees occurred as part of the upgrading of Bradfield Park North.	O	Inappropriate species relocated.	Detailed Design Plan – Bradfield Park North 2001.
		Remove inappropriate species.		O	Inappropriate species removed.	
		Replace species reaching the end of their useful lives.	The detailed landscape design for Bradfield Park North proposed the removal and replacement of a number of over-mature poplars. This work has been carried out.	O	Over-mature species replaced as required.	

Issue	Objective	Action	Comments	Priority	Performance Indicators	References
	To control all noxious and environmental weeds which occur in the Park.	Undertake weed removal programs when and where required.		O	Reduction in weed levels in the Park.	
		Implement the Noxious Weeds Act consistently and effectively.		O	Noxious Weeds Act implemented by staff.	Noxious Weeds Act, 1993.
	To recognise and integrate the diverse landscape characters of the various parts of Bradfield Park.	Implement the planning and design strategies set out in the Bradfield Park and Kirribilli Foreshore Master Plan.	Refer Issue 'Landscape Design Master Plan'.	O	Bradfield Park Master Plan implemented.	Bradfield Park and Kirribilli Foreshore Master Plan 1998.

Issue	Objective	Action	Comments	Priority	Performance Indicators	References
Landscape Design Master Plan	To continue to implement the Bradfield Park Master Plan in order to significantly upgrade Bradfield Park.	Implement upgrading works in accordance with areas of priority identified in the Master Plan.	The Master Plan is being implemented in stages, according to priorities, due to funding constraints. To date, improvement works have been carried out in Bradfield Park North, and Bradfield Plaza has been created in conjunction with the RTA. The Kirribilli Foreshore area adjacent to Bradfield Park (comprising Captain Henry Waterhouse Reserve and Dr Mary Booth Lookout) has also been upgraded.	O	Implementation of Master Plan is occurring.	Bradfield Park and Kirribilli Foreshore Master Plan 1998.

Issue	Objective	Action	Comments	Priority	Performance Indicators	References
	To upgrade Bradfield Park Central.	Undertake investigation and planning works including: <ul style="list-style-type: none"> <li>• Archaeological Investigation</li> <li>• Geotechnical Investigation</li> <li>• Heritage Impact Study</li> <li>• Contamination Study</li> </ul>	This area extends from Burton Street south to Fitzroy Street, and includes the area occupied by the former Bowling Club.	MT	Investigation and planning works carried out on time and to budget.	North Sydney Council Management Plan.
		Engage appropriately qualified consultants to carry out the detailed design of Bradfield Park Central.	Works will include redesign/refurbishment of external landscape areas and the associated former clubhouse premises and creating a new community/recreation focus for Milsons Point and Kirribilli Village.	MT-LT	Appropriate consultants engaged.	
		Prepare detailed design plan and a Development Application based on the Master Plan to facilitate upgrading work.		LT	Detailed design prepared.	Bradfield Park and Kirribilli Foreshore Master Plan 1998. Local Environmental Plan 2001 NSC.
		Carry out the new works to upgrade Bradfield Park Central.	Time-frame for implementation is dependent upon adequate funding being allocated.	LT	New works carried out on time and to budget.	

Issue	Objective	Action	Comments	Priority	Performance Indicators	References
	To upgrade Bradfield Park South.	Carry out planning, design and construction works as per previous 'Objective' to upgrade Bradfield Park Central.	This work will not be undertaken within the life of this Plan (5 years), but will be carried out at a later date.	LT	Bradfield Park South upgraded.	North Sydney Council Management Plan. Bradfield Park and Kirribilli Foreshore Master Plan 1998.

Issue	Objective	Action	Comments	Priority	Performance Indicators	References
Other Landscape Improvement Projects	To carry out other landscape works to improve the amenity and functionality of Bradfield Park.	Install an irrigation system in Bradfield Park.		ST	Irrigation system installed on time and to budget.	
		Construct a new amenities block in Bradfield Park South (on Olympic Drive).	This facility will serve people walking along the harbour foreshore, as well as users of this section of the Park such as fisher folk.	ST	New amenities block installed on time and to budget.	North Sydney Council Management Plan.
		Upgrade the Bradfield Park Community Centre/Restaurant Building.	Work to be undertaken by other Council Departments.	ST	Upgrade completed on time and to budget.	North Sydney Council Management Plan.
		Carry out footpath upgrading works and associated tree planting in Bradfield Park South in the Broughton Street footpath area.	This work will strengthen the link between Kirribilli Village and the harbour foreshore.	ST	New work carried out on time and to budget.	

Issue	Objective	Action	Comments	Priority	Performance Indicators	References
Conservation of Heritage Items	To protect and conserve all identified heritage items.	Consult with the National Trust, the Heritage Council and other appropriate organisations on the management of heritage items and fulfill the requirements of the Heritage Act, 1977.	Items of particular heritage significance within the Park include: 1. Cast-iron railing 2. Bow of HMAS Sydney 3. The Sydney Harbour Bridge (RTA ownership and control).	O	Coordinated and effective management of heritage items.	Heritage Act, 1997. Heritage Study Review 1993.
		Carry out any work necessary to maintain heritage items in good condition.	The restoration of the bow of HMAS Sydney was carried out in 2001. A regular schedule of work has been provided to allow Council to continue to maintain this item appropriately.	O	All heritage items maintained in good condition.	

Issue	Objective	Action	Comments	Priority	Performance Indicators	References
Recognition of Park Heritage	To recognise, conserve and interpret the cultural and natural heritage of the Park.	Provide interpretative information at strategic locations in the Park.	The Bradfield Park Heritage Walk opened in Bradfield Park North in 2007. The Walk will gradually be extended southwards in line with the upgrading of other sections of the Park.	C-O	Installation of interpretative material in the Park	Bradfield Park and Kirribilli Foreshore Master Plan 1998.
		Install interpretive signage in Bradfield Park Plaza.	Signage is designed to be informative and low-key.	ST		North Sydney Council Management Plan.
	To recognise and integrate the Harbour Bridge and its approaches as a central element in the Park.	Take this objective into account when carrying out any new work in the Park.	This is consistent with the Sydney Harbour Bridge Conservation Management Plan, and with the objectives set out in the Bradfield Park and Kirribilli Foreshore Master Plan.	O	Harbour Bridge and approaches remain a central element of the Park in any new design.	Sydney Harbour Bridge Conservation Management Plan 1998. Bradfield Park and Kirribilli Foreshore Master Plan 1998.

## STRUCTURES AND FURNITURE

Issue	Objective	Action	Comments	Priority	Performance Indicators	References
Park Furniture and Other Structures	To progressively install coordinated park furniture and a consistent set of materials that complement the desired landscape character of Bradfield Park.	Install required park furniture and other structures identified in the Bradfield Park and Kirribilli Foreshore Master Plan and in the detailed design plans developed for the various sections of the Park.	This action is being progressively addressed as each section of the Park is upgraded, with a consistent set of materials and furniture to be used throughout the Bradfield Park precinct including paving, signage, lighting, seating and planting.	C-O	Appropriate furniture installed in the Park.	Bradfield Park and Kirribilli Foreshore Master Plan 1998. Recreation Needs Study 2005.
		Construct a new amenities block on Olympic Drive.	Consider existing heritage character of the Park. This facility will be useful to people walking along the harbour foreshore and other users of this area including fisher folk.	ST		North Sydney Council Management Plan.
		Submit a Development Application for all proposed structures and other major works to be undertaken in the Park in accordance with Council's Local Environmental Plan.		O	New developments in the Park to comply with Council's Local Environmental Plan.	Local Environmental Plan 2001. NSC.
		Consult and elicit comments from users of the Park and the general community prior to the commencement of any new development.	This is in addition to consultation undertaken as part of the DA process. Eg - Liaise with relevant Precincts and other stakeholders.	O	Satisfaction of users and the general community with the consultation process.	

Issue	Objective	Action	Comments	Priority	Performance Indicators	References
		Ensure any new works in the Park comply with Sydney Harbour Regional Environmental Plan (Sydney Harbour Catchment) 2005.	The Minister for Planning is required to ensure that any development within the buffer zone satisfies certain criteria for consideration before granting consent under the harbour REP. Issues include protection and enhancement of views and preserving the scenic quality of the foreshores and waterways.	O	Appropriate approvals gained.	Sydney Harbour Regional Environmental Plan (Sydney Harbour Catchment) 2005.

## RECREATION AND USE

Issue	Objective	Action	Comments	Priority	Performance Indicators	References
Use of the Park	To allow a range of unstructured recreational activities to take place in Bradfield Park.	Ensure all activities occurring in the Park are appropriate, are consistent with the 'core objectives' (refer section 1.4), and lie within the 'carrying capacity' of the Park.	Suitable activities include walking, picnicking, informal sports and games, viewing the harbour and city and using the children's playground.	O	Level of Park use for recreation. Annual number of complaints regarding inappropriate use of the Park.	
		Minimise activity of grassed areas in the Bridge shadow.	This area is particularly susceptible to erosion.	O		
		Allow dog walking within the principles set out in Council's Dog Control Policy.	Dogs are not permitted within 10 metres of children's play equipment.	O	Annual number of infringements.	North Sydney Local Companion Animals Management Plan 2004.
		Patrol the Park to ensure compliance with the above actions.	Patrols are carried out by Council Rangers.	O	Regular Ranger patrols carried out.	
	To accommodate youth and informal school recreation in Bradfield Park without significantly compromising the amenity of other Park users.	Restrict active recreation to informal sports and games.	Teachers to supervise all use of the Park by school children for informal sports and games. Refer Appendix 3 for definitions of appropriate activities (informal sports and games) and inappropriate activities (organised sports).	O	Annual number of complaints received regarding inappropriate use of the Park.	Appendix 3.

Issue	Objective	Action	Comments	Priority	Performance Indicators	References
	To acknowledge and promote Bradfield Park as a venue for viewing the harbour and for celebrating major harbour events	Provide facilities in Bradfield Park on selected occasions to ease the pressure on other harbourside parks.	Portable toilets, food stalls and entertainment are all provided in Bradfield Park to attract visitors for major events such as Australia Day celebrations. Managed access is implemented on New Year's Eve to ensure a safe and pleasant environment for the community.	O	A range of facilities is provided on the occasion of major events.	
		Recognise the lower Broughton Street lookout as a high-profile viewing point and maintain this area accordingly.		O	Lookout maintained in good condition.	

Issue	Objective	Action	Comments	Priority	Performance Indicators	References
Children's Playground	To ensure that the existing playground area is safe and functional.	Manage and maintain play equipment and surrounds as per Council's 'Playgrounds Plan of Management'.	A new fully fenced playground was installed under the shade of two existing fig trees to the south of Fitzroy Street in early 2007.	O	Playground is managed and maintained as per Playgrounds Plan of Management.	Playgrounds Plan of Management.
		Maintain playground to a high standard, and as per seasonal requirements.	Playground is in a high-profile location and receives very high levels of use. Seasonal factors such as fruit drop from the existing fig trees influence maintenance regimes.	O	Condition of playground as gauged from user feedback.	

Issue	Objective	Action	Comments	Priority	Performance Indicators	References
Bradfield Park Central (former Bowling Club site)	To upgrade Bradfield Park Central in accordance with the vision set out in the Bradfield Park and Kirribilli Foreshore Master Plan.	Upgrade Bradfield Park Central as per the Actions set out in the 'Landscape Improvement Works' section of this Matrix.	Although the Master Plan envisaged the retention of one bowling green, the Master Plan's vision for this area in terms of creating a 'village green' and community focal point remains relevant.	LT	Bradfield Park Central upgraded appropriately.	North Sydney Council Management Plan. Bradfield Park and Kirribilli Foreshore Master Plan 1998.

Issue	Objective	Action	Comments	Priority	Performance Indicators	References
Kirribilli Markets	To accommodate the monthly Kirribilli markets within the Park without significantly degrading the Park environment.	Liaise with the Kirribilli Neighbourhood Centre to facilitate continuing appropriate use of the Park by the markets.	The markets are an important part of Park life, and a gathering point for the local community.	O	Liaison with Kirribilli Neighbourhood Centre is productive and ongoing.	
		Relocate the monthly Kirribilli Markets.	For several years the markets have been held on the former bowling greens. Recently the markets partially moved off the upper terrace and are proposing to progressively relocate off the former greens, pending the major redevelopment of this part of the Park.	ST	Markets moved off the former bowling greens when a feasible alternative site is available.	
		Temporarily resurface the north terrace (level with Broughton Street) with compacted gravel for market use as a short-term solution.		ST	North terrace resurfacing complete.	
	To accommodate the monthly Kirribilli Art and Design markets within the Park without significantly degrading the Park environment.	Retain the Kirribilli Art and Design markets in their current location.	These markets are smaller and already located on hard surfaces so do not have a significant impact on the condition of the Park.	O	Markets continue to operate in their current location.	

## ACCESS AND CIRCULATION

Issue	Objective	Action	Comments	Priority	Performance Indicators	References
Access	To control vehicular access to Bradfield Park.	Prohibit and prevent general vehicular access to Bradfield Park.		O	General vehicular access to the Park prevented.	
		Allow service and emergency vehicles to enter the Park.		O	Ease of entry for service and emergency vehicles.	
	To provide access across Council-owned land for RTA vehicles carrying out Bridge works in various sections of the Park.	Maintain access to the Roads and Traffic Authority depot car park.	RTA maintenance staff use the car park.	O	Access to Roads and Traffic Authority car park maintained.	
		Liase with the RTA to ensure that access by the RTA across Bradfield Park to their assets causes minimal disruption to Park users and has minimal impact on the condition of the Park.		O	Good lines of communication with the RTA established and maintained.	
		Liase with the RTA to ensure that projects carried out by the RTA in and adjoining Bradfield Park take aesthetics and functionality as well as security into consideration.	The RTA has a charter to enhance security for the Harbour Bridge. Good channels of communication will ensure projects are completed to the benefit of both Council and the RTA.	O	Good lines of communication with the RTA established and maintained.	

Issue	Objective	Action	Comments	Priority	Performance Indicators	References
	To ensure that any changes to the road system adjoining Bradfield Park do not alter transport operational requirements.	Discuss any proposed new road/circulation arrangements with the relevant authorities.	Relevant authorities include the RTA and Sydney Buses.	O	Discussions with relevant authorities take place as required.	Bradfield Park and Kirribilli Foreshore Master Plan 1998.
	To place a higher priority on public transport and cycle access to the Park over private transport.	Encourage visitors to utilise public transport to access the Park by publicising available options.	2 ferry wharves, a railway station and numerous bus routes service the Park. Bicycle racks are located adjacent to Milsons Point station.	O	Decrease in number of complaints regarding lack of parking spaces.	
	To integrate access strategies for the Park with those for North Sydney Olympic Pool.	Liaise with Pool Manager to devise and integrate transport strategies.		O	Liaison commenced and ongoing.	
	To implement the recommendations of Council's Foreshore Access Study as they relate to Bradfield Park.	Investigate the feasibility of providing lift access to the Sydney Harbour Bridge pedestrian walkway.	Undertaking this action will improve accessibility for a wide range of users.	LT	Feasibility assessment carried out.	Foreshore Access Study 2007. NSC.

Issue	Objective	Action	Comments	Priority	Performance Indicators	References
Circulation	To provide a safe and secure circulation system for pedestrians within the Park.	Continue to implement the recommendations of the Bradfield Park and Kirribilli Foreshore Master Plan in accordance with identified areas of priority.	The Bradfield Park and Kirribilli Foreshore Master Plan identifies opportunities to improve circulation for the general population, and for people with mobility impairments.	O	Actions recommended in Master Plan implemented.	Australian Standard 1428. Bradfield Park and Kirribilli Foreshore Master Plan 1998.
	To implement the recommendations of Council's Foreshore Access Study as they relate to Bradfield Park.	Install an amenities block in Bradfield Park South adjoining Olympic Drive.	This will assist people walking along the harbour foreshore.	ST	Amenities block installed on time and to budget.	Foreshore Access Study 2007. NSC.
		Create a cross-link through Bradfield Park.		ST	Appropriate pathway improvement works carried out.	Foreshore Access Study 2007. NSC.
	To allow Olympic Drive to be temporarily closed to host occasional appropriate events.	Undertake all measures necessary to close Olympic Drive on appropriate occasions.	Measures include liaison with RTA and development of a Traffic Management Plan for each closure.	O	Temporary closure occurs for appropriate events. Disruption to traffic minimised.	

Issue	Objective	Action	Comments	Priority	Performance Indicators	References
Linkages	To implement the recommendations of Council's Foreshore Access Study as they relate to Bradfield Park.	Enhance the existing north-south access path to the foreshore adjoining Broughton Street.	Pathways along Broughton Street and Alfred Street South are currently narrow and affected by tree root growth.	ST	Appropriate pathway improvement works carried out.	Foreshore Access Study 2007. NSC.
		Investigate the feasibility of installing pedestrian and feature lighting to areas of Dr Mary Booth Lookout and Captain Henry Waterhouse Reserve foreshore walkways to improve their connection to Bradfield Park.	This would provide a better link for commuters accessing ferries and buses.	LT	Investigations complete and recommendations made.	Foreshore Access Study 2007. NSC.
	To develop links to North Sydney Olympic Pool.	Liaise with the Pool Manager to continue to develop links between Bradfield Park and North Sydney Olympic Pool.	Currently 'Ripples' café is accessible to non-pool users.	O	Links between the Park and the Pool continue to be developed.	
	To encourage links between the Park and Kirribilli Village.	Create a community focus for the Kirribilli and Milsons Point areas by upgrading Bradfield Park Central.	Upgrading Bradfield Park North and the Burton Street tunnel improved the links between the Park and Kirribilli Village. Upgrading Bradfield Park Central will strengthen this link, and create a 'village green' that can accommodate community activities including the markets.	LT	Detailed design for Bradfield Park Central achieves this aim.	Bradfield Park and Kirribilli Foreshore Master Plan 1998.
		Prepare and implement the new design plan for Bradfield Park Central.	Planning work for this project is scheduled to commence in 2008/09, with the time line for implementation being dependent upon obtaining adequate funding.	ST-LT	New works carried out on time and to budget.	Bradfield Park and Kirribilli Foreshore Master Plan 1998.

## LANDUSE PLANNING AND MANAGEMENT

Issue	Objective	Action	Comments	Priority	Performance Indicators	References
Leases, Licences and Other Estates	To allow use of Bradfield Park for a range of cultural and recreational activities.	Grant leases, licences and other estates to cultural and recreational organisations for use of Bradfield Park as a venue for appropriate events.	Occasional or one-off use of the Park may not require a lease, licence or other estate – refer section 1.5 ‘Use of community land for which leases, licences and other estates are not required’. Proposed uses must comply with core objectives for Bradfield Park – refer section 1.4.	O	Cultural or recreational activities held in Bradfield Park are appropriate.	Local Government Act 1993, as amended 1998.
	To raise revenue by granting leases, licences and other estates.	Use funds raised by granting leases, licences and other estates to assist with ongoing maintenance and upgrading of the Park.		O	Revenue raised from leases, licences and other estates contributes to maintenance and upgrading of Park.	
		Enter into a new lease with the current tenants of the restaurant located in the former bowling clubhouse.	The lease is expected to commence in late 2007 when renovation work to the toilets has been completed.	ST	New lease in place.	
	To assist community groups by providing premises for lease at affordable rates.	Lease the community centre side of the former bowling clubhouse to the Kirribilli Neighbourhood Centre for a term of 3 years to enable the establishment of a Wellness Centre.	The lease will commence upon completion of current upgrading works, estimated to be December 2007.	ST	New lease in place.	



Issue	Objective	Action	Comments	Priority	Performance Indicators	References
Relationship with other Landowners	To foster and maintain a productive relationship between North Sydney Council and the RTA to ensure mutually beneficial outcomes.	Provide input into projects to be funded and carried out by the RTA to ensure they are realised in a manner that considers aesthetics and functionality, as well as security.	Establishing good channels of communications will ensure projects are completed to the benefit of both Council and the RTA.	O	North Sydney Council has meaningful input into RTA processes as they relate to Bradfield Park.	
		Liaise with the RTA regarding the Olympic Drive bus layover upgrade.	The RTA anticipates that this project will be completed in 2008.	ST	Appropriate liaison continues to occur.	
		Liaise with the RTA regarding the piping of Bridge scuppers.	This work will assist in rectifying some of the issues with uncontrolled drainage and associated erosion of Bradfield Park.	ST	Appropriate liaison continues to occur.	
		Consider schematic proposals prepared by the RTA concerning where one of the old Bridge cranes may be sited and how it may be safely fixed in Bradfield Park.	The RTA is currently investigating the feasibility of restoring one of the old cranes previously used for Bridge maintenance, and installing it in the Park.	ST	Appropriate liaison continues to occur.	

Issue	Objective	Action	Comments	Priority	Performance Indicators	References
Community Involvement	To provide opportunities for local residents and other stakeholders to be involved in the development, implementation and monitoring of the Bradfield Park Plan of Management.	Encourage community involvement by widely publicising the draft Plan of Management.	Neighbouring Precincts and known stakeholders receive a copy of the draft Plan when it is on exhibition. Regular advertisements in the Mosman Daily inform the community that the draft Plan is on exhibition, and the Plan may be viewed at Council Chambers, or downloaded from Council's website. All adopted Plans of Management are permanently available on Council's website.	O	Public exhibition of draft Plan of Management widely publicised.	North Sydney Council website: <a href="http://www.northsydney.nsw.gov.au">www.northsydney.nsw.gov.au</a>
		Encourage stakeholders to provide written submissions to Council that can be incorporated into the regular reviews made to the Bradfield Park Plan of Management.	Details of how to make a submission are contained within section 1.6 of this Plan of Management.	O	Review of Plans of Management takes account of submissions received from stakeholders.	
	To provide opportunities for the public and user groups to become involved in new developments in Bradfield Park.	Consult with stakeholders prior to and during the development of detailed design plans for upgrading the Park.	New work must be consistent with the values and objectives of this Plan of Management, and with the Bradfield Park and Kirribilli Foreshore Master Plan. Consultation methods may include public meetings, focus groups, workshops, public exhibitions of draft designs etc.	O	Community satisfaction with the consultation process.	Bradfield Park and Kirribilli Foreshore Master Plan 1998.

Issue	Objective	Action	Comments	Priority	Performance Indicators	References
		Encourage community involvement through the provision of information via Council's Precinct system.		O	Appropriate information distributed to Precincts.	
		Lodge Development Applications where required for building and other works occurring in the Park and seek public comment.		O	Development Applications lodged for appropriate new works.	Local Environmental Plan 2001, NSC.

Issue	Objective	Action	Comments	Priority	Performance Indicators	References
Soil Pollution	Minimise the potential impacts of lead in the soil on users of Bradfield Park.	Carry out detailed contamination investigations and assessments prior to undertaking any construction activities in the Park.	A site auditor must be engaged to certify that remediation has been completed to the required standards.	O	Relevant investigations carried out prior to construction. Work certified upon completion.	
		Undertake regular inspections to identify areas where the grass cover has been eroded and the soil is exposed.	The potential health risk to Park users from lead in the soil is markedly greater in areas where the soil is exposed.	O	Regular maintenance inspections carried out.	
		Repair turf in areas where soil has become exposed as speedily as possible.	The construction of Bradfield Plaza permanently addressed ongoing issues of grass erosion soil being exposed in this location.	O	Speed of repair work.	

Issue	Objective	Action	Comments	Priority	Performance Indicators	References
		Liaise with the RTA to determine when and where maintenance activities are being carried out on the Harbour Bridge and Bridge approaches.	RTA staff are responsible for putting up warning signs and installing barricades.	O	Regular liaison with RTA taking place.	

Issue	Objective	Action	Comments	Priority	Performance Indicators	References
Drainage	To overcome the impacts associated with uncontrolled stormwater drainage on Bradfield Park.	Work with the RTA who are currently funding and implementing projects to help mitigate the effects of uncontrolled drainage on the Park.	Uncontrolled drainage comes off the Harbour Bridge carriageway/structure and degrades the existing ground surface underneath.	O	Good lines of communication with the RTA established and maintained.	
		Liaise with the RTA regarding the piping of Bridge scuppers.	The construction of Bradfield Plaza solved some problems with uncontrolled drainage in this area.	O	Good lines of communication with the RTA established and maintained.	

Issue	Objective	Action	Comments	Priority	Performance Indicators	References
Managed Access	To create a safe and friendly environment for locals and the wider community to enjoy on New Year's Eve in Bradfield Park.	Continue to implement a program of managed access in the Bradfield Park precinct annually on New Year's Eve.	Managed access involves entry to Bradfield Park and the associated foreshore area being regulated and monitored. Entry is via checkpoints, with fencing preventing general entry. BYO alcohol and glass are not permitted into the managed access area.	O	Reduction in the number of antisocial incidents reported.	

Issue	Objective	Action	Comments	Priority	Performance Indicators	References
Maintenance	To maintain Bradfield Park to an appropriate standard to respond to the needs and expectations of users and the general community, and commensurate with Council resources.	Prepare comprehensive maintenance programs for all components of Park maintenance.	Maintenance regimes may need to vary throughout the year. For example: <ul style="list-style-type: none"> <li>- Large events including New Year's Eve and Australia Day have special requirements.</li> <li>- The children's playground requires additional cleaning when the fig trees are dropping fruit.</li> </ul>	CP	Maintenance programs prepared. Standard of Bradfield Park. Level of community satisfaction.	North Sydney Council Management Plan.
		Liaise with the RTA regarding the removal of graffiti from the Harbour Bridge structure.	Maintenance of the Harbour Bridge structure is the responsibility of the RTA.	O	Liaison with the RTA as required.	

Issue	Objective	Action	Comments	Priority	Performance Indicators	References
	To ensure that a high quality, safe and attractive recreational amenity is provided.	Carry out regular maintenance to appropriate standards within Bradfield Park.		O	Maintenance program implemented on time and within budget.	North Sydney Council Management Plan.
		Undertake emergency repairs as required.	Council staff are pro-active, identifying problem areas and responding to requests from the public.	O	Expenditure/revenue ratio achieved.	
		Monitor the cost of maintenance and replacement work in order to source and provide adequate resources to facilitate the actions listed above and prevent future problems.		O	Annual cost data recorded and monitored.	
	To ensure effective maintenance of seawalls fronting Bradfield Park.	Liaise with Engineering Department to ensure maintenance of the seawalls and associated balustrade occurs as required.		O	Ongoing liaison with Engineering Department regarding seawall management.	

Issue	Objective	Action	Comments	Priority	Performance Indicators	References
Administration and Management	To provide an efficient, open and responsive administration and management system with clearly defined goals and areas of responsibility.	Develop and implement efficient and effective systems designed to make the best possible use of financial, human and natural resources.		O	Cost-effectiveness of management systems.	
		Respond to public suggestions, attend to public enquiries promptly and provide accurate and useful information to the community as required.		O	Level of community satisfaction gauged from feedback.	

Issue	Objective	Action	Comments	Priority	Performance Indicators	References
Safety and Risk Management	To identify, measure and manage potential hazards in a timely manner to minimise Council exposure to complaints, compensation claims and litigation.	Continue to carry out an inspection program to identify and eliminate all potential hazards.	Refer Issue 'Maintenance'. The regular maintenance inspections also function as risk assessment inspections.	O	Inspection program regularly carried out.	
		Carry out maintenance and risk management as required.	Playgrounds to be dealt with as per the Playgrounds Plan of Management.	O	Reduction in annual number of claims.	Playgrounds Plan of Management NSC.

Issue	Objective	Action	Comments	Priority	Performance Indicators	References
	To minimise the incidence of vandalism to play equipment and other structures within the Park.	Carry out patrols in the Park on a regular basis.	Council Rangers carry out Patrols.	O	Decrease in annual number of incidents reported.	
		Remove all graffiti as soon as practicable.	People are less likely to deface surfaces that are in an undamaged condition.	O	People are less likely to deface surfaces that are undamaged.	
		Repair vandalised park and play equipment as soon as practicable, or removed if damaged beyond repair and dangerous		O	Speed of repair work or removal.	

Issue	Objective	Action	Comments	Priority	Performance Indicators	References
Monitoring of Management Systems	To review and update the Bradfield Park Plan of Management regularly in order to conserve, maintain and enhance the values and character of the Park.	Review the Bradfield Park Plan of Management regularly.	Review implementation and performance regularly. Review and update policy and planning issues after 5 years.	O	Achievement of objectives within the stated time-frame. Relevancy of the Plan of Management.	

## 5.2 INDICATIVE WORKS PROGRAM

Note: Works listed in the following table are proposed new projects only. Actions designated as ‘Ongoing’ in the Matrix section of the Plan are not listed here.

WORKS/ACTION	SHORT TERM					MEDIUM TERM					LONG TERM														
	July 2008 - June 2009					July 2009 - June 2010					July 2010 – June 2011					July 2011 – June 2012					July 2012 – June 2013				
Undertake investigation and planning works in Bradfield Park Central including: - Archaeological Investigation - Geotechnical Investigation - Heritage Impact Study - Contamination Study											—————														
Engage appropriately qualified consultants to carry out the detailed design of Bradfield Park Central.																—————									
Prepare detailed design plan and a Development Application based on the Masterplan to facilitate upgrading work in Bradfield Park Central.																					—————→				
Upgrade Bradfield Park South.																									
Install an irrigation system in the Park.	—————																								
Construct a new amenities block in Bradfield Park South, near Olympic Drive.	—————																								
Upgrade the Bradfield Park Community Centre.	—————																								

WORKS/ACTION	SHORT TERM					MEDIUM TERM					LONG TERM														
	July 2008 - June 2009					July 2009 - June 2010					July 2010 – June 2011					July 2011 – June 2012					July 2012 – June 2013				
Carry out footpath upgrading works and associated tree planting in Bradfield Park South in the Broughton Street footpath area.						■	■	■	■	■															
Install interpretive signage in Bradfield Plaza.						■	■	■	■	■															
Relocate the monthly Kirribilli Markets.						■	■	■																	
Temporarily resurface the north terrace (level with Broughton Street) with compacted gravel for market use as a short-term solution.	■	■	■	■	■																				
Investigate the feasibility of providing lift access to the Sydney Harbour pedestrian walkway.																					■	■	■	■	■
Create a pedestrian cross-link through Bradfield Park.						■	■	■	■	■															
Enter into a new lease with the current tenants of the restaurant located in the former bowling clubhouse.	■	■	■	■	■																				
Lease the community centre side of the former bowling clubhouse to the Kirribilli Neighbourhood Centre for a term of 3 years to enable the establishment of a Wellness Centre.	■	■	■	■	■																				

WORKS/ACTION	SHORT TERM					MEDIUM TERM					LONG TERM														
	July 2008 - June 2009					July 2009 - June 2010					July 2010 – June 2011					July 2011 – June 2012					July 2012 – June 2013				
Liaise with the RTA regarding the Olympic Drive bus layover upgrade.																									
Liaise with the RTA regarding the piping of the Bridge scuppers.																									
Consider proposals prepared by the RTA regarding the siting of one of the former Bridge maintenance cranes in the Park.																									
Carry out annual review of the Bradfield Park Plan of Management.																									●

## 6.0 Appendices and Supporting Material

### Appendix 1 - Explanation of Relevant Zoning

#### Public Open Space Zone

##### 1. Objectives of the Zone

The particular objectives of this zone are to:

- (a) allow for a range of open space areas which meet the needs of the community for both formal and informal recreation;
- (b) to ensure sufficient public recreation areas are available for the benefit and use of the community; and
- (c) to allow for the enhancement and management of recreation areas in accordance with Plans of Management adopted by Council under the Local Government Act, 1993.

##### 2. Development or activity which may be carried out in this zone

Any development in accordance with the Plan of Management adopted under Division 2 of Part 2 of Chapter 6 of the Local Government Act, 1993 and for the time being applicable to the subject land; bushfire hazard reduction; community notice signs; cycle ways; drainage; horticulture; landscaping; park maintenance; recreation areas; refreshment rooms; remediation; temporary signs; temporary structures, including temporary structures for the sale of goods, information displays, and the display and sale of merchandise and produce; utility installations, other than generating works or gasholders; visitor facilities; vehicle access to another permissible use within the zone.

*Explanatory Note: Visitor facilities include pathways and walking tracks, public toilets, seating, picnic and barbecue facilities, and shelter for park users.*

**Source: North Sydney Local Environmental Plan, 2001. North Sydney Council.**

## **Appendix 2 - Features of the Preferred Master Plan for Bradfield Park and the Kirribilli Foreshore, and Associated Implementation Status**

### Principal features of the preferred Master Plan:

- Redesign of Park entries and orientation points including creation of a major gateway in the north-west corner of Bradfield Park
  - Status: Major gateway complete, other entries ongoing
- Redesign of the north-west area of Bradfield Park, north of Burton Street, to improve amenity, robustness, links to Kirribilli Village and to accommodate the existing monthly Kirribilli markets.
  - Status: Complete
- Redefinition of the station palm forecourt improving pedestrian movement to and from the station and enhancing the address to the station entrance.
  - Status: Complete
- Reorganisation of the Bowling Club area to provide one bowling green in conjunction with the creation of a new civic space providing a link to Kirribilli Village. Redevelopment of the clubhouse to provide a public refreshment facility while incorporating and improving existing clubhouse facilities. (long-term option).
  - Status: Not commenced
- Strengthening of links to Kirribilli Village through Burton Street tunnel and via Fitzroy Street including paved threshold treatments to improve pedestrian safety.
  - Status: Burton Street tunnel area complete, Fitzroy Street commenced
- Creation of a series of large-scale grassed terraces formed by imported fill and topsoil formed over the existing grass slope. The terraces respond to the architectural scale and form of the Bridge pylons, define spaces for different recreation and leisure activities and help resolve the problems of soil erosion and lead in the soil.
  - Status: Not commenced
- Construction of amphitheatre style informal seating near the North pylon and adjacent to the tunnel vent providing views oriented across the Harbour to Circular Quay, the Rocks and the Opera House.
  - Status: Not commenced
- Redesign of the Harbour foreshore at Milsons Point including feature planting and pavement design to improve address to the harbour and to achieve a dynamic shared pedestrian and vehicle esplanade.
  - Status: Commence/Ongoing
- Improvement of pedestrian connections along the foreshore and between major transport and recreational foci.
  - Status: Commenced/Ongoing

- Accentuation of the Broughton Street vista to Circular Quay and the Opera House through selective tree planting to frame the vista and termination of the vista with a lookout point perhaps featuring kinetic art works above the tunnel vents.
  - Status: Not commenced
- Enhancement of foreshore and through-Park pedestrian links picking up on existing desire lines and including improved access for people with disabilities.
  - Status: Commenced/Ongoing
- Local area traffic planning improvements aimed at minimising traffic impacts on local residents including limiting park landtake for public and private vehicular parking and optimising access to public transport services and links from land and water.
  - Status: Commenced/Ongoing
- Upgrading of the Jeffreys Street ferry wharf area incorporating steps to the water's edge.
  - Status: Commenced/Ongoing
- Redesign of the children's playground featuring an industrial archaeology theme, perhaps incorporating one of the cranes previously used for Harbour Bridge maintenance.
  - Status: Complete
- Provision of temporary event support of robust design integrated into the Park landscape.
  - Status: Commenced
- The Master Plan also proposes innovative interpretation of the site's cultural and natural heritage values as well as its historically significant features. Interpretation may include use of artworks and will form part of the redesign of primary foreshore parks and orientation points, telling the rich story of Bradfield Park.
  - Status: Commenced/Ongoing

## **Appendix 3 - Definitions: Organised Sport and Informal Sport and Games**

### **Organised Sport**

Organised sport describes sporting activities that are played on a permanently marked or designated playing surface provided and maintained by Council. These playing surfaces include grassed sportsgrounds (accommodating cricket, rugby, soccer, AFL, touch football etc), basketball, netball and tennis courts, cricket wickets and hockey fields. Fees are charged for use of all organised sporting facilities, and bookings must be made through Council's Customer Services Department.

### **Informal Sport and Games**

Informal sports and games are those that do not require use of a marked or designated playing surface. They may be played within Council's parks and reserves free of charge, on a first-come first-served basis, as long as they comply with the requirements of the relevant Council Plan of Management, and do not significantly compromise the amenity of other park users.