



Robertson Park Masterplan



Adoption date: 29 November 2004

Robertson Park Masterplan

1.0 INTRODUCTION.....	3
FIGURE 1 – ROBERTSON PARK.....	4
2.0 MASTERPLANNING ISSUES.....	5
2.1 MILITARY ROAD TURNING CIRCLE	5
2.2 PARK TREE PLANTING	5
2.3 PATH ACCESS.....	5
2.4 RELATIONSHIP TO MARINE PARADE.....	5
FIGURE 2 – PRESSURES AND OPPORTUNITIES PLAN	6
2.5 TOILETS.....	7
2.6 PLAYGROUND.....	7
2.7 DUNBAR HOUSE PRECINCT	7
2.8 PARK EDGES	7
2.9 WATER	7
2.10 HERITAGE INTERPRETATION.....	7
3.0 PLANNING PRINCIPLES.....	8
PLANNING PRINCIPLES (CONTINUED).....	9
PLANNING PRINCIPLES (CONTINUED).....	10
FIGURE 3 – PLANNING PRINCIPLES	11
4.0 CONCEPT MASTER PLAN.....	12
4.1 MILITARY ROAD TURNING CIRCLE	12
4.2 PARK TREE PLANTING	12
FIGURE 4 – LANDSCAPE MASTERPLAN.....	13
FIGURE 4.1 – LANDSCAPE MASTERPLAN CROSS SECTION A & B	14
FIGURE 4.2 – LANDSCAPE MASTERPLAN CROSS SECTION C	15
FIGURE 4.3 – LANDSCAPE MASTERPLAN CROSS SECTION E.....	16
4.3 PATH ACCESS.....	17
4.4 RELATIONSHIP TO MARINE PARADE.....	17
4.5 TOILETS.....	17
4.6 PLAYGROUND.....	18
4.7 DUNBAR HOUSE (ZANDVLIET) PRECINCT	18
4.9 WATER	19
4.10 ROTUNDA.....	19
4.11 HERITAGE INTERPRETATION.....	19
5.0 ACTION AND IMPLEMENTATION.....	20
5.1 STAGING.....	20
5.2 WORKS ACTION PLAN	20
6.0 FUNDING.....	24

1.0 INTRODUCTION

The Robertson Park Masterplan commenced in November 2002 and was assisted by a consultancy team led by Landscape Architectural consultants Environmental Partnership over December 2002 – May 2003, in conjunction with the Robertson Park Plan of Management.

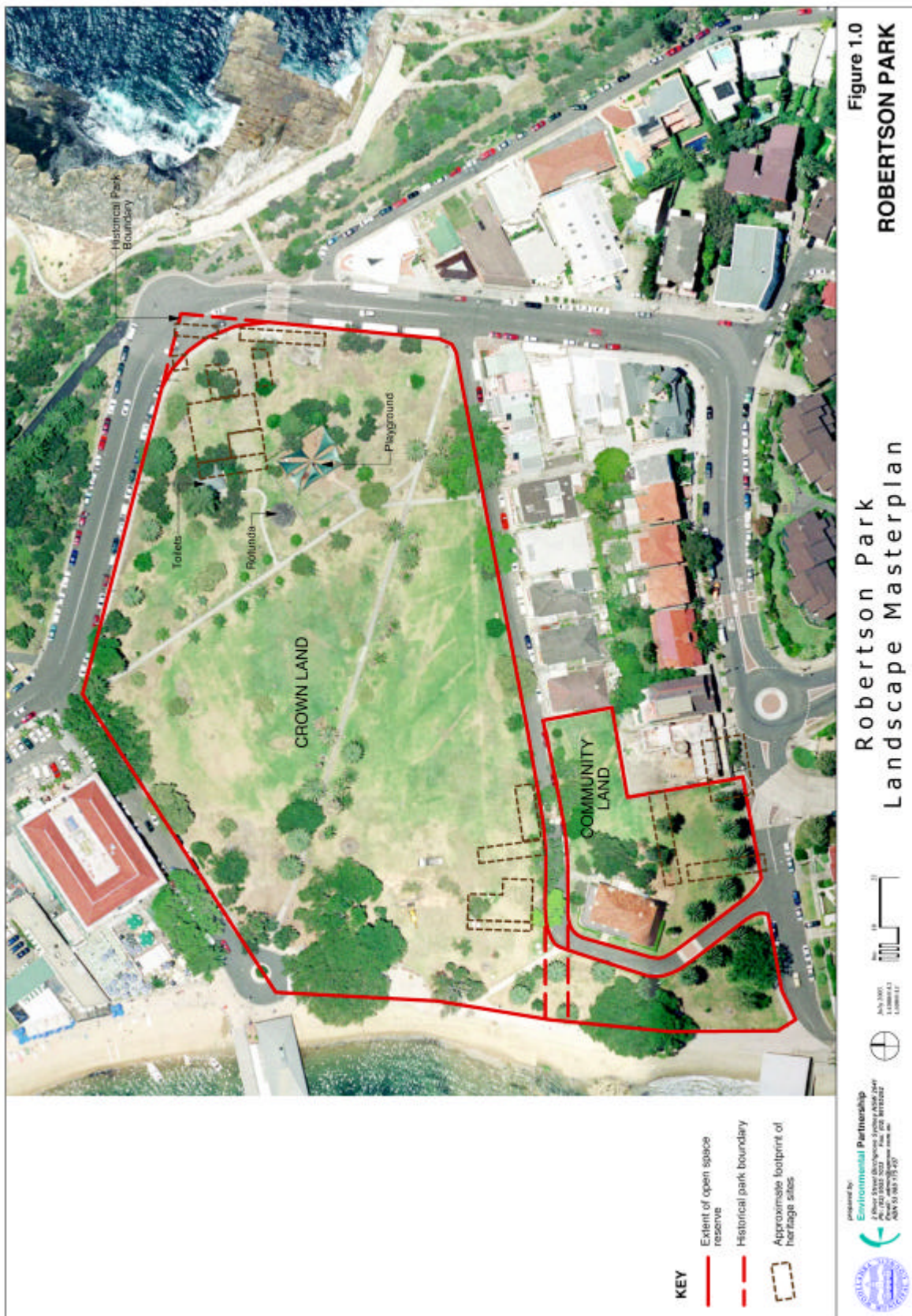
The Masterplan has been prepared to assist Council in the implementation of Plan of Management recommendations for the park coordinated with the Military Road and Watson Bay Centre improvement strategies. The long term masterplan aims to provide a comprehensive framework for ongoing park improvement with a short term masterplan describing high priority improvements to be undertaken as soon as possible within budgeting programming.

Development of the Masterplan has been undertaken in response to the planning visions and principles established through the Plan of Management and the Planning Options for key elements within the park presented to a Community Working Group. The Preferred Masterplan was resolved from a series of options developed that explored varied approaches to the constraints and opportunities presented by the site.

The Robertson Park Masterplan aims to conserve and enhance park amenity for both local and visitor users, recognising the 19th century features of the site and informal parkland landscape character. The masterplan aims to facilitate family passive recreation and responds to key visual objectives of the park addressing views across, through, and to the open space.

The Masterplan will be subject to detailed design development to enable project stages to be implemented.

Figure 1 – Robertson Park



2.0 MASTERPLANNING ISSUES



Military Road / Marine Parade intersection



Mature Morton Bay Figs to foreshore



Mature Port Jackson Figs



Existing cross park formal path proposed to be removed



View and access to the foreshore obstructed by vegetation and existing facilities

In determining a preferred masterplan for Robertson Park, the study team facilitated workshopping of planning options for individual park elements with the Community Stakeholder Group. The aim of this approach was to focus discussions on specific aspects of park planning.

The Pressures and Opportunities plan (Figure 2.0) on the following pages identifies some of the key planning issues to be addressed

2.1 Military Road turning circle

A major pedestrian junction node is located at the western end of Military Road where the road intersects with the Marine Parade pedestrian promenade, adjoining Watsons Bay ferry wharf and the north western entry to Robertson Park. Although Marine Parade / Military Road are out of the formal study area, this intersection has been considered due to its intrinsic relationship to Robertson Park.

The node is dominated by the asphalt surface of the vehicular turning circle, effectively reducing the amount of space available for normal pedestrian movement, gathering and amenity. This constraint is further influenced by outdoor seating from the adjoining takeaway food outlet onto the narrow section of Marine Parade adjoining the Military Road turning circle.

2.2 Park tree planting

One of the most significant features of the park is its mature tree plantings, some of which date back to the mid 19th century. Removal of the Canary Island Date Palm avenue through the centre of the park was required in 2002 due to *Fusarium oxysporum* infestation. The natural decline of two foreshore Moreton Bay Fig trees adjacent to the foreshore also instigated their removal due to limb failure and associated safety concerns.

Park use and character is also impacted by a range of inappropriate plantings:

- Norfolk Island Hibiscus plantings which cause allergic reactions and maintenance difficulties;
- native tree/shrub plantings in the eastern section of the park that obstruct visual connectivity; and
- recent Norfolk Island Pine plantings along the north south pedestrian pathway that can be anticipated to be a future obstruction to city / harbour views from The Gap and the upper park.

2.3 Path access

Existing path provision fails to meet all aspects of current user needs evidenced by "desire lines" created through grassed areas in several locations.

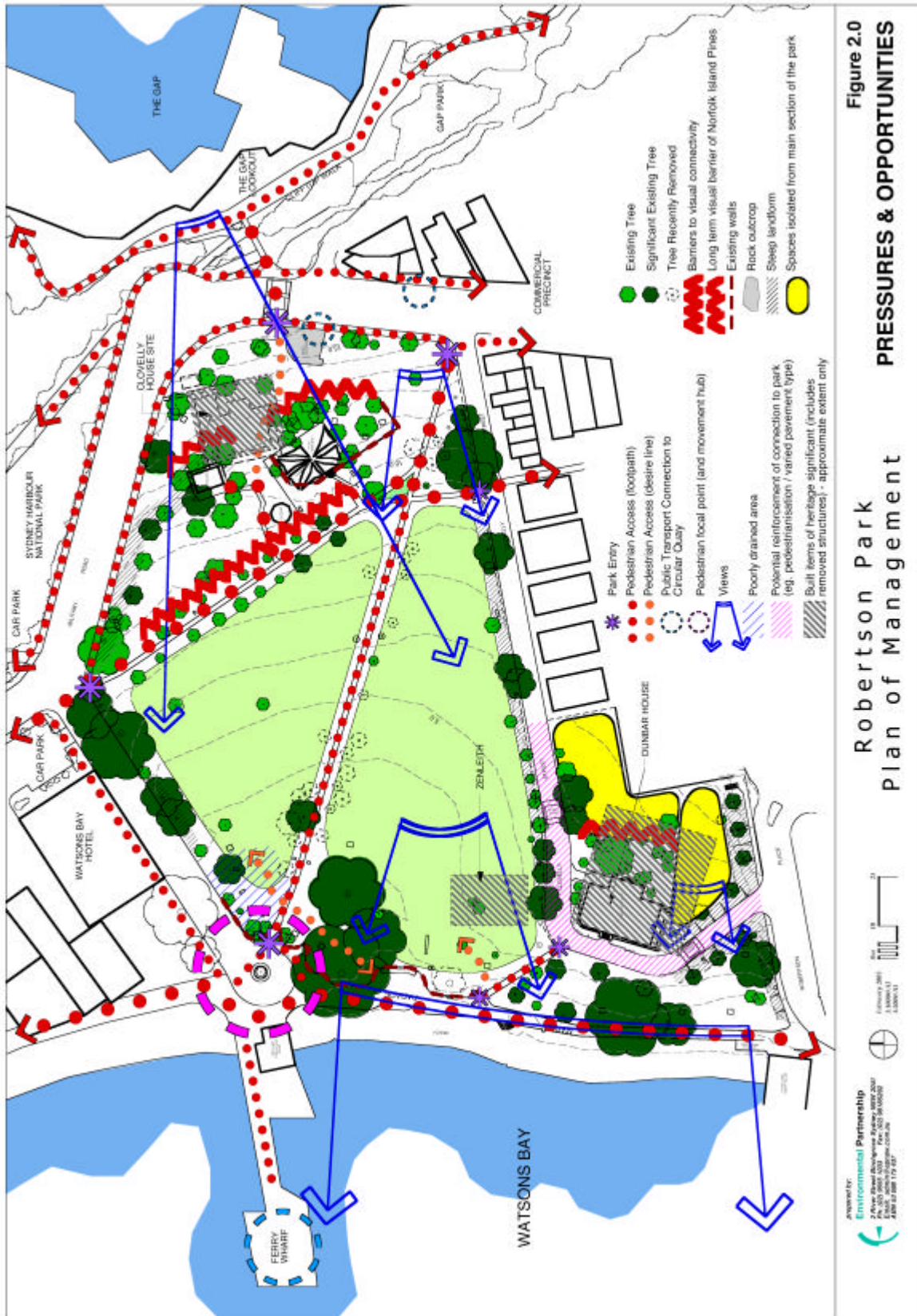
The formal path framework established in the 1930-40's responded to the "City Beautiful" movement without significant regard to the 19th Century Park character of informal landscaped grounds.

In addition the diagonal path link effectively bisects the open space dividing the usable grassed open space area into several components.

2.4 Relationship to Marine Parade

Marine Parade provides a major pedestrian promenade located between the western park edge and the harbour foreshore. The park areas adjoining Marine Parade receive high usage from visitors, due to proximity to views and mature shade trees. The promenade and park are separated by a heritage significant sandstone retaining wall that makes movement between the two spaces difficult.

Figure 2 – Pressures and Opportunities Plan





Existing Playground



Dunbar House



Existing bus stop to Military Road



High use foreshore shaded area



Whilst it is fundamental that the wall is conserved over the majority of its length, opportunities for improvement of public access over a short distance between the park and promenade, as well as reducing pressures of high usage on mature fig trees are should be explored.

2.5 Toilets

Several issues can be identified related to the amenities block located in the north eastern portion of the park. Primary concerns relate to the buildings close proximity to the site of the former *Clovelly* residence where it impacts on House curtilage and potential for heritage interpretation.

In addition, these facilities do not meet accessibility standards and will not be able to meet the usage demands created by tourist visitation and to a lesser extent local community use in the long term. Concerns with user safety due to poor visibility (created by the screening effect of surrounding landform combined with dense tree and shrub planting) have also been noticed by the community.

2.6 Playground

The existing playground provides play equipment in a generally poor condition. However its location, as for the toilet block, creates a functional and visual barrier to views from, and use of, the eastern park. The playground can not be accessed or used by persons with a disability.

2.7 Dunbar House Precinct

A range of pressures can be identified within the Dunbar House precinct including its isolation from the remainder of the park by *Clovelly* Street, and poor heritage curtilage generated by inappropriate landscaping (low level native planting and brick walling).

2.8 Park edges

The edges of the park to adjoining roads are subject to a range of pressures due to steep landform impacting usability, access and maintenance. Impacts from adjoining uses such as bus stop access and on street parking areas have also been identified.

2.9 Water

In its pre European settlement condition the park site was traversed by a creek running with an approximately east west alignment. The South Head peninsula has several fresh water springs that contribute to surface and ground water flow in the area. The existing park landform and surface conditions result in drainage problems in the park, specifically ponding and damp ground near the northwestern park entry. Options to interpret the former creek line and address the poorly draining areas should be reviewed.

2.10 Heritage interpretation

A range of heritage elements are located within the park, primarily associated with 19th century European settlements of *Clovelly* in the north eastern section, *Zenleith* in the south western section, and also *Zandvliet* (Dunbar House) still standing in the southern section of the park. The park works which followed the demolition of *Clovelly* including path development and construction of the Rotunda (1920-1930s), reflect the "city beautiful" approach of that era, and did not respond to the heritage precedents of the pre existing house properties and character of the site. Heritage interpretation should aim to provide an understanding of the historical relationships of buildings, and private gardens / yards boundaries within the site.

Other park related heritage objects include the Robert Watson Memorial Seat, sections of sandstone walling, and the Old South Head Road milestone obelisk.

3.0 PLANNING PRINCIPLES

Plan principles that have informed the development of the masterplan for each of the Management Strategy Framework categories for Robertson contained in the draft Robertson Park Plan of Management. The principles provide responses for realising the identified Visions through the development of appropriate public domain design and materials solutions. The principles are described on the Principles Plan following (Fig 3.0).

<i>Vision</i>	<i>Principles</i>
Natural Environment	
Natural environmental values and processes related to vegetation, water cycle management, and fauna habitat are optimised, recognising historical cultural influences on the open space which should appropriately shape its parkland character	Supplementary native tree planting of Port Jackson Fig, Norfolk Island Pines and Tuckeroo adjoining park edges to be provided integrating consideration of view corridor management and heritage interpretation of historic building sites
	Protect and maintain established trees to foreshore and related to heritage sites
	Upgrade seating areas under existing significant foreshore trees, enhancing tree protection – potential for incorporation of interpretation related to early site history including Pilots Cottages and stream that crossed the site
	Provide where practical and sustainable -lower level planting that enhances habitat value of park landscape eg. to bank to northern park edge
	Incorporate subsoil drainage at problem drainage areas
	Provide native tree planting adjoining National Park interface providing contextual link to sandstone vegetation community (eg Sydney Red Gum) and Norfolk Island Pines.
Heritage	
Interpretation and recognition of the pre 20th century character, role and function of the site in Sydney's early European settlement related to its residences, other buildings and the pre 20th century informal park-like landscape is facilitated	Protection of heritage building sites until completion of archaeological investigations and identification of specific conservation and interpretative approaches to individual sites
	Protection of existing heritage elements and provision of interpretation to improve community understanding
	Mitigation of park developments that have eroded conservation and interpretation of heritage features and character including: -the toilet block (encroaching on Clovelly house site curtilage)
The context of Robertson Park adjoining the Sydney Harbour National Park conservation area is recognised, and the pre and post contact Aboriginal cultural significance of the overall Watsons Bay area interpreted	Remove landscape elements incompatible with heritage curtilage of Dunbar House including brick masonry walling and more recent plantings to rear grassed area
	Interpretation of Zenleith house site through appropriate landscape elements (eg sandstone markers to building corners) following site investigations
	The Sydney Harbour National Park at Watsons Bay provides the most effective context for major interpretation of Aboriginal significance of the area
	Incorporation of appropriate information and reinforcement of visual and access links to Sydney Harbour National Park

Planning Principles (continued)

<i>Vision</i>	<i>Principles</i>
Visual	
A simple, informal, and safe parkland character (reflecting pre 20th century site character) that reinforces and enhances significant view corridors, the harbour front setting, and visual links through, from and to the park	Relocation of bus layover parking to Military Road to enhance harbour views from The Gap and within the park
	Reinforce visual and access link from The Gap through improved pedestrian crossing and potential harbour viewing point at the edge of park
	Park edge planting to provide a backdrop to views within the park, buffering visual impacts from adjoining commercial / residential areas whilst maintaining views into the park
	Park vegetation management to remove lower branching planting that impede cross site views, divides park, and reduces user safety through passive surveillance.
	Park improvements to promote simple informal landscape character of pre 20 th century site
	Existing structures and facilities (toilet and playground) relocated and upgraded adjoining park edges improving visual continuity and recreational amenity of park
Social / Cultural	
A balanced and sustainable community role for the park recognising both local and visitor (tourism) significance and acknowledging the park's civic role in the Watsons Bay village	Cater for both local and visitor user needs through provision of a balanced and sustainable range of facilities located to park edges: -toilets -Shaded seating areas
	Enhanced visual and functional relationship of park to Watsons Bay Village Centre and Marine Parade including: -upgraded street frontage incorporating management of pedestrian access points to park -upgraded park entries
Recreation / park use	
A sustainable range of passive family recreation activities in a quality landscape and visual setting that is not compromised by recreational uses by both locals and visitors and can facilitate long term flexibility of community benefits	Recognise dual recreational role of park in provision for both local and visitor use through a balanced and sustainable provision of shaded seating and informal recreation areas with access to toilet and playground facilities to waterfront and edges of park oriented towards views
	Reinforce effective and comfortable link within the park between The Gap and Marine Parade without compromise of parkland character and use
	Reinforce effective and comfortable direct link between Watsons Bay Village Centre and Camp Cove
	Enhanced pedestrian circulation amenity and safety at Military Road / Marine Parade intersection through provision of pedestrian plaza
	Locate park furniture (eg. table settings, park benches, bins, etc.) to provide for comfortable recreational use and effective maintenance access
	Enhanced accessibility between grassed area of park and Marine Parade – potential for localised sitting and walking steps along part of edge to enhance accessibility and informal seating
	Improved pedestrian relationship between grassed area adjoining Dunbar House and the main park – potential paved shared zone
	Pole top lighting to be provided to major through park path access and at park entry points in consideration of potential night view corridor impacts and relationship to residential housing

Planning Principles (continued)

<i>Vision</i>	<i>Principles</i>
<i>Education</i>	
Robertson Park provides an educational link to the 19th century history of settlement in Sydney, the natural environment, and our contemporary community in an outdoor harbour side setting	Interpretation of 19 th century heritage elements aimed at facilitating an understanding of the first phase of European history, related site use, and informal landscape character for park users
	Interpretative facilities integrated in park design improvements
<i>Management / maintenance</i>	
Community use to be supported by a coordinated and quality park setting and a sustainable effective park maintenance regime	Improved furniture and materials provision with coordinated, hard wearing elements (and wearing surface under) providing sustainable maintenance requirements based on Councils approved furniture range

Figure 3 – Planning Principles



Figure 3
PLANNING PRINCIPLES

**Robertson Park
 Plan of Management**

Approved by:
Environmental Partnership
 2 River Street & Sydney Street, New South
 Wales 1588
 Phone: 02 955 9200
 Fax: 02 955 9201
 Email: info@environmentalpartnership.com.au
 Web: www.environmentalpartnership.com.au

Scale: 1:1000
 Date: 11/08/04

4.0 CONCEPT MASTER PLAN

The summary following describes the design responses to the proceeding issues incorporated into the preferred masterplan. These features have been listed under the elements as described previously.

The masterplan and associated cross sections (Figure 4.0) has been developed to provide an overall vision for the park as a basis for decision making and detailed planning. Detailed design development will be required for all park elements as they are progressively implemented.

4.1 Military Road turning circle

Short term

Maintain existing Military Road traffic and parking situations.

Long term

Relocation of the turning circle a short distance to the east resulting in the loss of a small area of park but a significant gain in overall pedestrian amenity. The resulting space will provide a civic pedestrian square at this important pedestrian node.

Removal of vehicle traffic and asphalt pavements provide the opportunity to develop a civic space that provides a gateway to Watsons Bay for visitors arriving by ferry and pedestrians on the Marine Parade promenade. The area can incorporate wayfinding signage, interpretive elements, and public domain furniture along with facilitating an improved relationship between Robertson Park, Marine Parade, and the Watson Bay Wharf.

The existing Fig Tree to the centre of the roundabout would be retained and incorporated onto the civic square.

It is proposed that managed access to this location will be achieved through the use of removable bollards to allow authorised service and emergency vehicles to gain entry.

4.2 Park tree planting

Short term

Supplementary tree planting to park edges and within the park is the highest priority for park improvements. Native species and Norfolk Island Pines are proposed along the northern and eastern boundaries to maintain continuity with adjacent National Park. Culturally influenced plantings are proposed to the remainder of the park, to be compatible with mature plantings and heritage elements within the park.

Removal of native plantings on the eastern side of the amenities block and playground to be "thinned out" to provide improved visibility for recreational amenity and safety.

Enhanced tree planting to provide shade to existing grass areas to include a simple unified theme of Port Jackson Figs (*Ficus rubiginosa*) and Tuckeroo (*Cupaniopsis anacardioides*). Port Jackson Figs reflect the existing site vegetation character, whilst the Tuckeroo is a proven urban native tree that visually compliments Fig Plantings maintaining a high branching habit. Additional plantings of Norfolk Island Pines along the Military Road edge is also proposed.

A super advanced fig will be planted at the western edge of the park (near Dunbar House) to replace the large fig that was removed in early 2003. The aim of the new tree planting configuration is to retain the formal avenue plantings (along the loop and central pathway) and adding some informal clusters of trees for increased shade provision.

Figure 4 – Landscape Masterplan

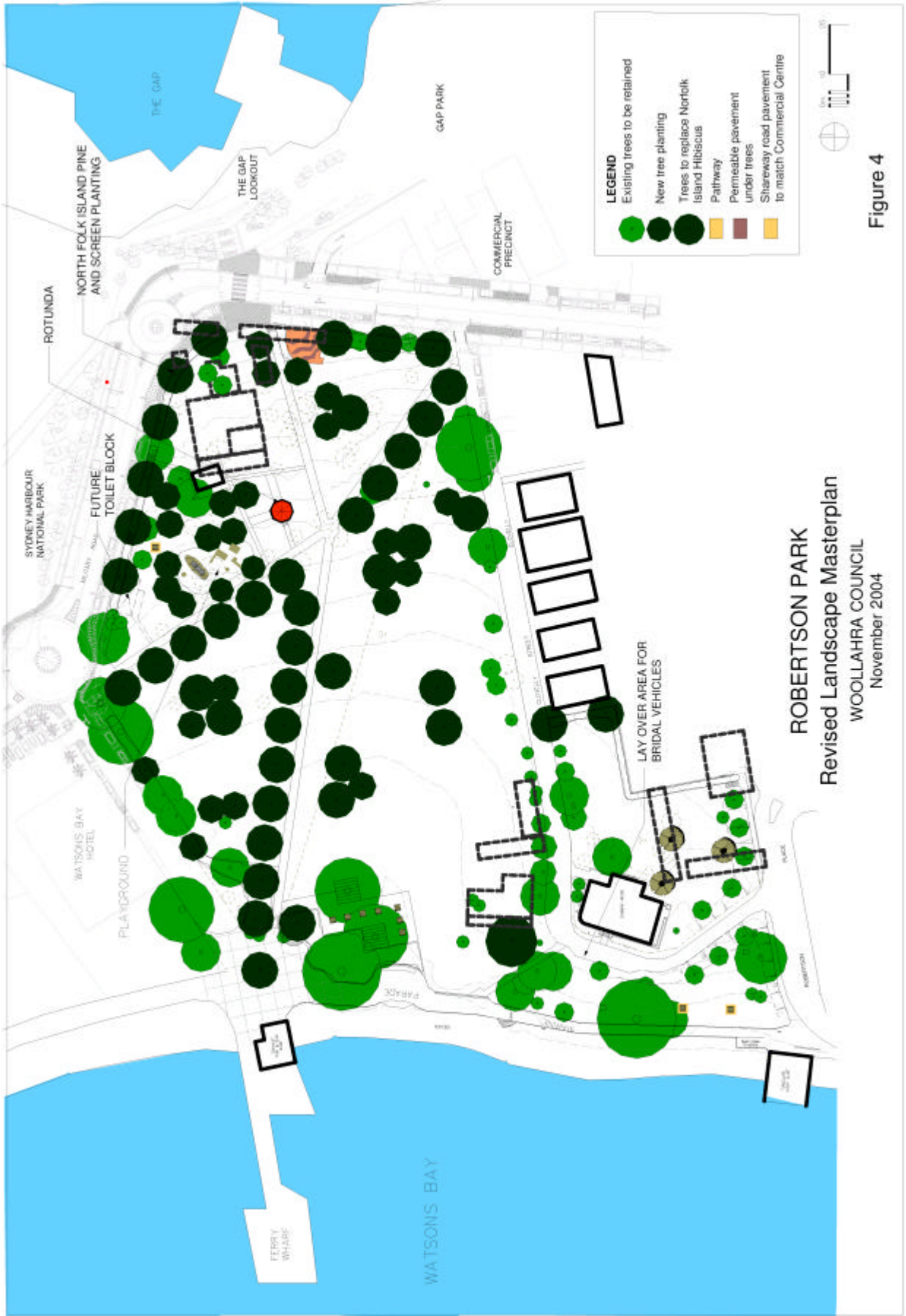


Figure 4.1 – Landscape Masterplan Cross Section A & B

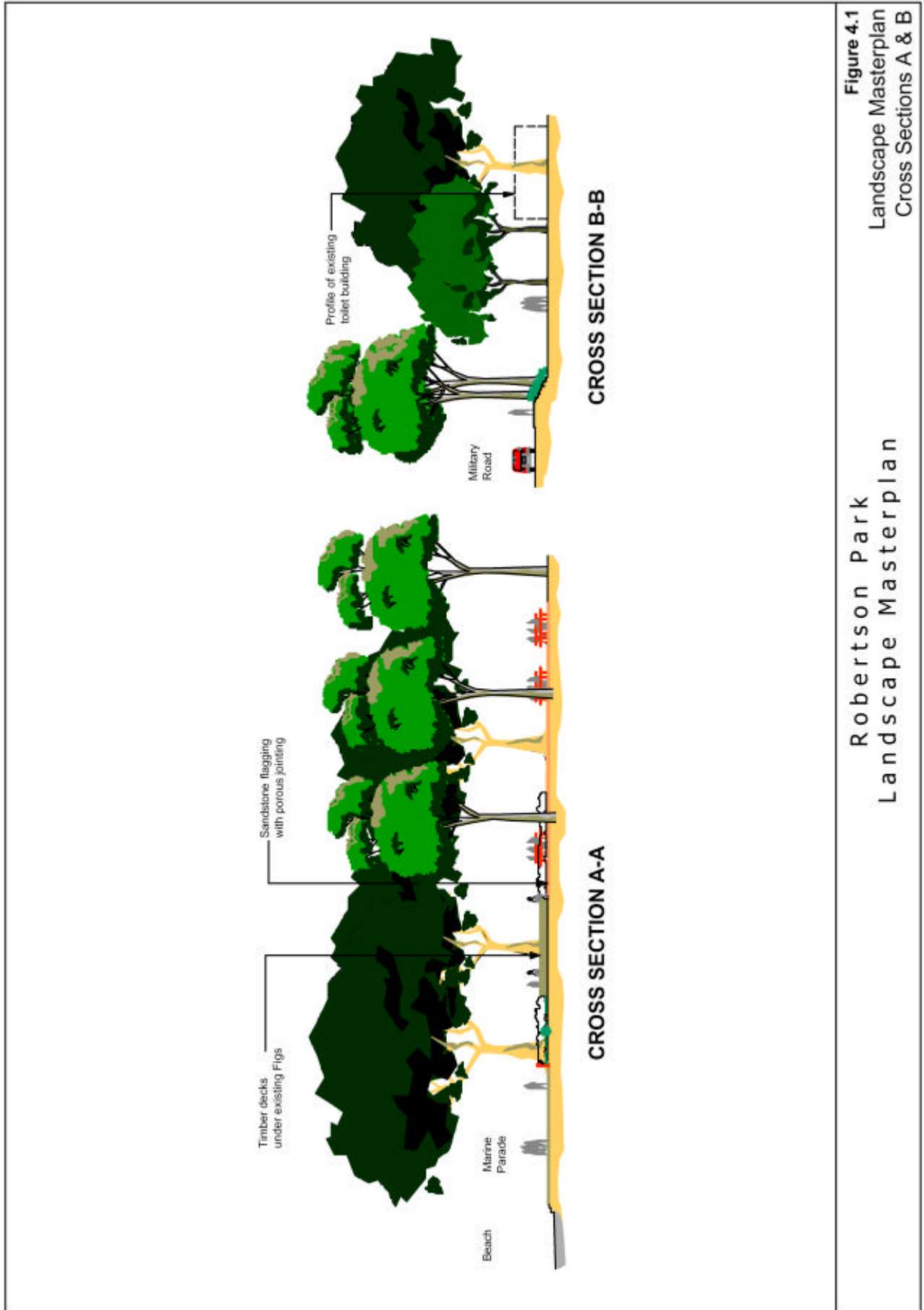


Figure 4.1
Landscape Masterplan
Cross Sections A & B

Robertson Park
Landscape Masterplan

Figure 4.2 – Landscape Masterplan Cross Section C

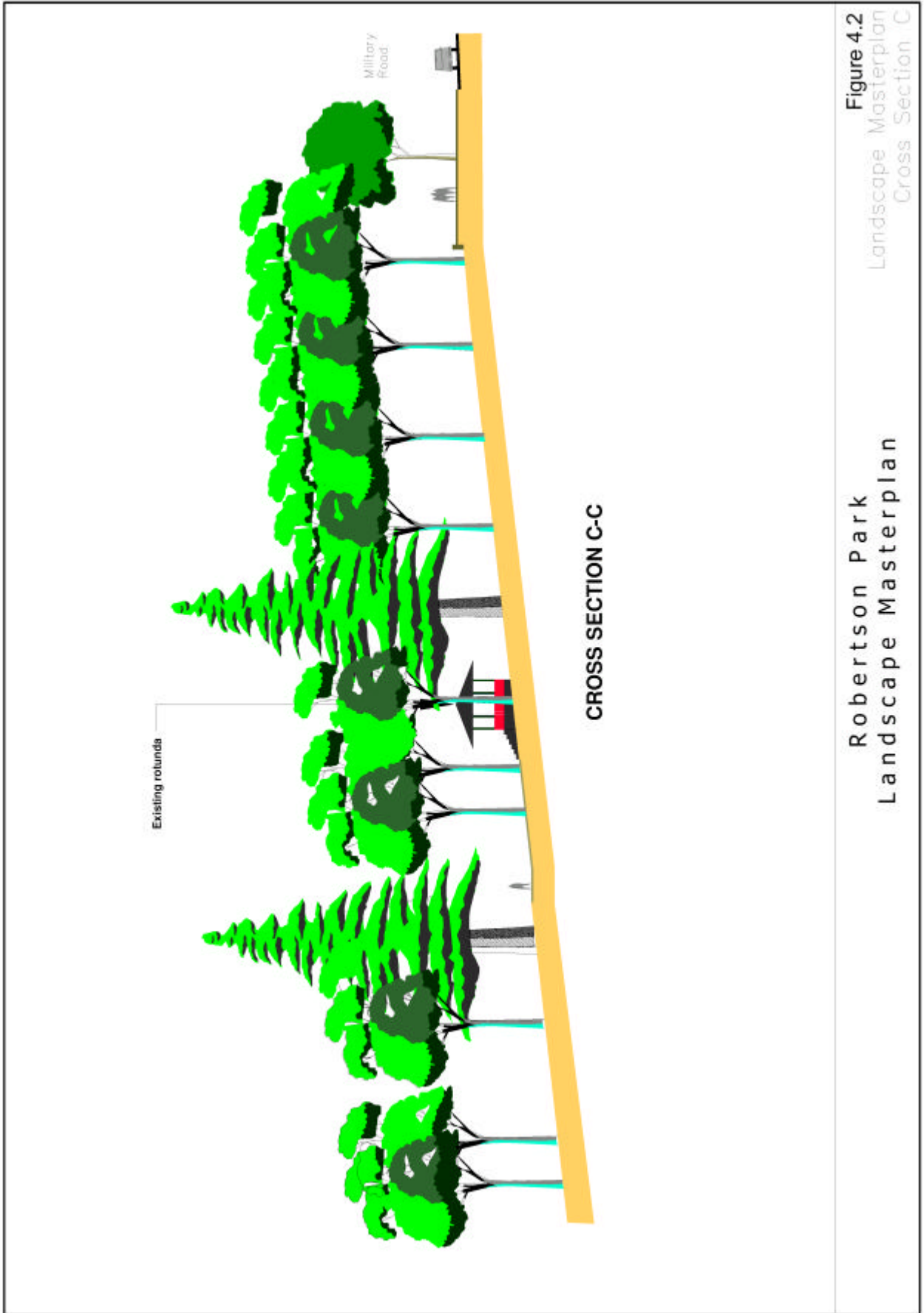


Figure 4.2
Landscape Masterplan
Cross Section C

Robertson Park
Landscape Masterplan

Figure 4.3 – Landscape Masterplan Cross Section E

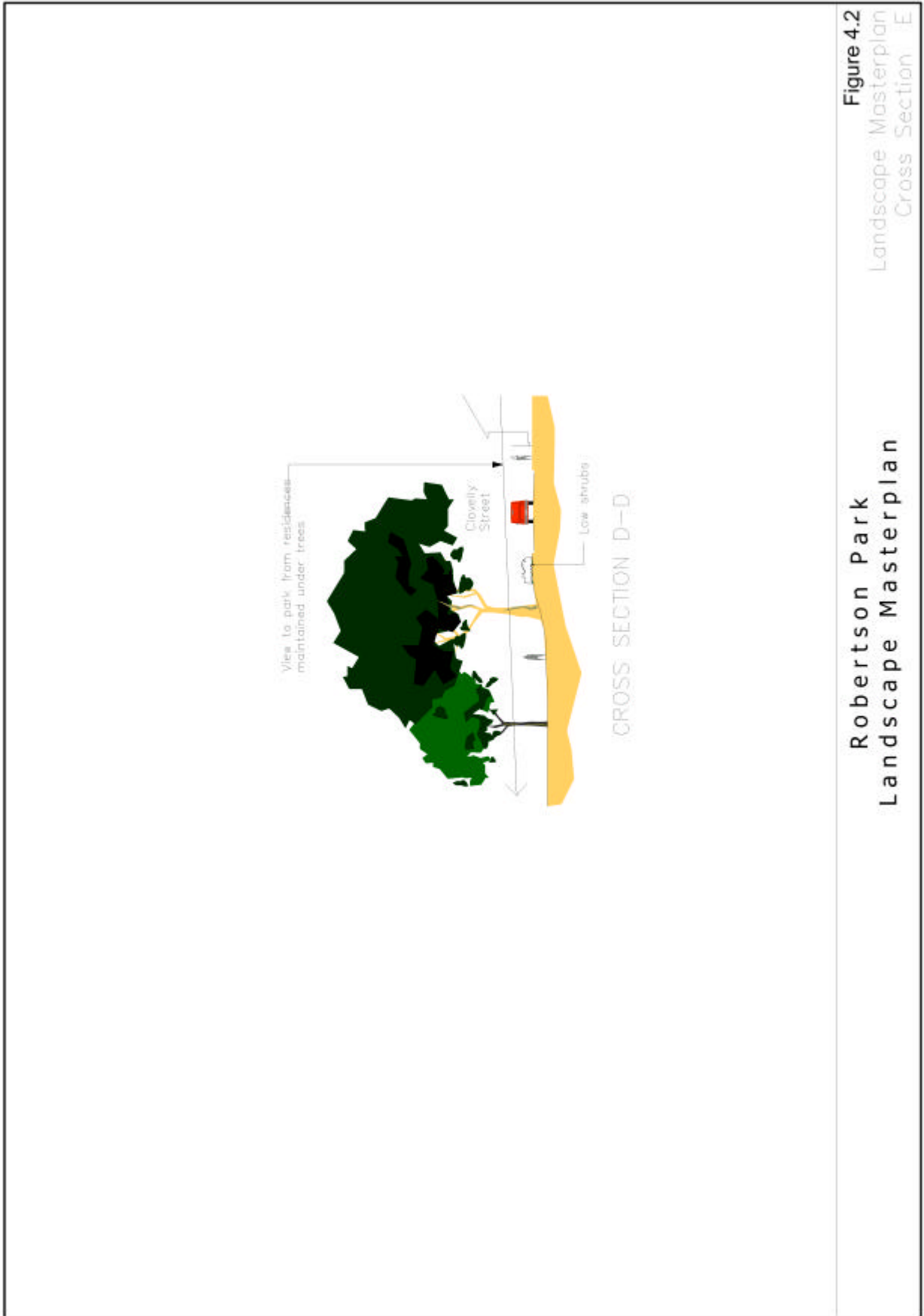


Figure 4.2
Landscape Masterplan
Cross Section E

Robertson Park
Landscape Masterplan

However, the placement of all trees is designed so that The Gap – City view corridor is protected, and existing views from Clovelly Street residences will be maintained.

A large mature fig tree will be planted to replace the fig tree lost due to storm damage adjacent to Marine Parade and located towards Dunbar House.

Long term

Following park infrastructure improvements, additional tree planting should be carried out to supplement shade provision and the visual buffer to Military Road. Culturally relevant tree plantings are proposed in conjunction with *Clovelly* and *Dunbar House* interpretation schemes that will be developed as archeological investigation are completed.

4.3 Path access

Short term

The existing path configuration does not provide for any accessible access into the park. The proposed path reconfiguration provides disable access throughout the park and to park facilities (such as picnic areas, toilets and the playground) and the central path that provides a direct link between The Gap and the ferry wharf through the park, including access to Camp Cove to the north. Combined with the relocation of the playground to the edge of the park the path proposals consolidate usable park area to the centre of the park along with views from the park to Sydney Harbour.

4.4 Relationship to Marine Parade

Short term

Improvements to the area under existing foreshore Moreton Bay Figs are a priority due to the high level of visitation experienced in this section of the park and related soil compaction and root exposure impacts.

Sitting height timber decking around the tree trunks is proposed to provide informal seating and picnicking amenity whilst preventing compaction around the tree bases. Sandstone flagging that permits water / oxygen penetration through wide gravel filled jointing is proposed underneath the other sections of tree canopy, to reduce compaction pressures and provide a suitable wearing surface for high intensity use. The provision of table settings is proposed in this popular area, to serve picnic and passive recreational. The design of this area should integrate interpretation of the sites of the early Pilot's cottages and their function to the colony, along with the creekline that used to pass through the site and enter the harbour in this vicinity.

Additional low maintenance native groundcover planting with gentle soil profiling to the existing garden bed along the top of the sandstone retaining wall are proposed to discourage visitors climbing over the wall to gain access to Marine Parade.

Long term

Provision of access over the existing sandstone wall is proposed to be formalised south of the existing Marine Parade seating area through provision of sandstone steps which double as informal seating provision. The existing diagonal path off Clovelly Street is retained.

4.5 Toilets

Short term

Improved lighting and reduction of surrounding screen plantings are proposed in the short term to address current community safety concerns.

Long term

A new amenities building capable of meeting demands from tourist use, is proposed to the northern park boundary, where good visibility would address community safety issues and siting would better service the high use foreshore areas. The proposed relocation has opens the eastern area spatially and significantly enhances interpretive

curtilage to *Clovelly*. The location would also better serve the revised bus lane over area as proposed by the Military Road Streetscape project.

It is proposed that the new toilet facilities will also include disabled toilets and is generally considered to be a long-term proposition.

4.6 Playground

Short term

To develop the pathway from The Gap into the park, the playground is required to be relocated. The playground existing location is in direct line of the proposed pathway and does not offer access for persons with a disability.

Relocation of the playground is proposed to improve relationship with other park elements and improve the view corridor from west to east through the park. A new playground would be designed to be accessible to children and carers of all ages and abilities, in a style that complements park character. Provision of furniture elements from the Woollahra Council Technical Manual to be located with views over the playground to the park. Associated improvements would include shade tree planting, and visually appropriate childproof fencing.

4.7 Dunbar House (*Zandvliet*) Precinct

Short term

Continued use of Dunbar House as a community library and café / kiosk is recommended. Improved heritage compatible curtilage to the building is proposed through removal of inappropriate landscaping (low level native planting), and provision of heritage appropriate shade tree planting to the rear area.

The masonry walling supporting the hedge planting should be replaced with a more sympathetic material (eg. sandstone).

Long term

A new surface treatment is proposed for Clovelly Street, at the front of Dunbar House. This treatment would start at the intersection on Robertson Park and Clovelly Street and conclude in line with the first house on Clovelly Street. Proposed in this treatment is a widening of the segment of Clovelly Street at the front of Dunbar House. The widening of the street at the front of Dunbar House will assist traffic flow.

The proposed upgrading of the section of Clovelly Street located adjoining *Dunbar House* with a paved shareway is proposed to communicate a pedestrian presence to drivers. This is aimed at reducing vehicle speeds, and improving pedestrian connectivity between the *Dunbar House* precinct and the remainder of Robertson Park.

4.8 Park edges

Short term

Low maintenance groundcover planting is proposed to steep boundary edges adjoining the northern edge of the park to control access and provide for easier maintenance. This is proposed to incorporate canopy tree planting of Banksia to provide a contextual link to the National Park and its sandstone vegetation to the north side of Military Road.

Long term

Additional edge improvements incorporating low sandstone walling, seating and low maintenance groundcover planting are proposed in the long term to the Military Road bus stop zone (to the eastern edge of the park) just north of Clovelly Street to control access and enhance this major park entry. This could be coordinated with other streetscape works to Military Road including footpath widenings, pavement upgrading, and street tree planting as defined in the Streetscape Improvement Project undertaken by Council.

4.9 Water

Short term

Interpretive investigation related to the former stream alignment is proposed in the short term as part of the overall heritage strategy for the park.

Long term

Physical interpretation of the former stream alignment may potentially be considered through a variety of landscape treatments without impact on park function (eg. artwork in pavement) and / or interpretive elements in the proposed picnic area under foreshore Moreton Bay Fig plantings.

Subsoil drainage is to be installed that is aimed at addressing drainage problems that occur in the north-western corner of the park where ponding and damp ground persist after heavy rainfall. It is not proposed to pursue water reuse considering the likely spread of the *Fusarium* fungus.

4.10 Rotunda

The Rotunda is proposed to be retained in its current location that aligns adjacent to the pathway node point.

Substantial works to repair the roof have been undertaken and the structure will be maintained in good condition.

4.11 Heritage interpretation

Short term

Preparation of a coordinated interpretive strategy aimed at developing themes and styles for a coordinated signage approach throughout the park is proposed. A suggested focus for interpretation is the 19th century occupation and character of the site. Application of the interpretive strategy to existing heritage elements such as the milestone obelisk, Robert Watson memorial seat, and potentially existing sandstone walling is proposed in the short term in the form of interpretive signage or other appropriate presentation media.

Investigations into Aboriginal Cultural Heritage of Watsons Bay area are proposed to be undertaken in conjunction with the NSW National Park and Wildlife Service, to enable inclusion of appropriate interpretation in Robertson Park and adjacent National Park. This aspect should be undertaken for integration with the development of the proposed heritage strategy.

Archaeological surveys of *Clovelly* and *Zenleith* are proposed to identify physical evidence and enable park upgrade planning and design to respond in detail to heritage curtilage.

Long term

Park planning improvements including relocation of the toilets are proposed to improve heritage curtilage to the *Clovelly* house site. A design scheme for interpretation of the site should be developed focussing on opening the relationship of the site to the park (to the west) and interpretation of the outbuildings zone (to the east). Further investigations of *Dunbar House* should inform interpretation of its outbuilding area along with potential incorporation of an outdoor classroom / interpretive area.

5.0 ACTION AND IMPLEMENTATION

Whilst the preceding management and masterplanning sections describe the full range of proposed actions, funding resources will dictate the programme over which these can be achieved. This section describes the recommended priority of required actions and lists the detailed actions required for implementation.

5.1 Staging

The preliminary proposals as described in the Concept Masterplan comprise a range of potential improvements with varying community and environmental priority. The following works action plan assigns priority to the proposals based on those that are of most immediate community benefit, with lower priority items to be implemented as budgetary and funding opportunities allow.

5.2 Works action plan

The Works Action Plan (following page) identifies tasks and areas of work that need to be addressed in order to implement the park enhancement works and management requirements.

It is essential that the Works Action Plans involve the active participation of all relevant departments of Woollahra Council along with appropriate community groups.

The Works Action Plans are in the form of a schedule that:

- establishes recommended priorities for worked items;
- describes the detailed activities required including pre-construction elements for capital works items;
- describes the nature of actions required (capital works, policy review, management action, liaison action);
- recommends possible sources of funding for the works; and
- notes specific comments relating to the implementation of that item.

No.	Item	Priority	Indicative Cost Estimate	Action Type	Description	Possible Resources (funding and technical inputs)
Short term masterplan						
1	Tree planting / management	High	\$60,000.00	Design / Capital Works	Detailed design: <ul style="list-style-type: none"> • select species / size / location • trickle irrigation design Plant procurement Install irrigation system Planting to park edges Tree thinning: <ul style="list-style-type: none"> • adjoining toilets, playground, Dunbar House • Remove Norfolk Island Hibiscus • Remove selected Norfolk Island Pine avenue Replacement planting to Dunbar House subject to heritage interpretation	Woollahra Council, DSNRM, Metropolitan Greenspace
2	Archaeological Design (Work Plan)	High	\$ 3,000.00	Investigation	<ul style="list-style-type: none"> • Clovelly • Zenlieth 	Woollahra Council, National Heritage Grants Program
3	Furniture Upgrade	High	\$40,000.00	Capital Works	<ul style="list-style-type: none"> • Park detailed design to confirm location of park furniture implementation by Council during labor or as part of project implementation 	Woollahra Council, National Heritage Grants Program

No.	Item	Priority	Indicative Cost Estimate	Action Type	Description	Possible Resources (funding and technical inputs)
4	Park lighting	High	\$60,000.00	Capital Works	<ul style="list-style-type: none"> • Park detailed design for path layout. Coordinate lighting locations to path aligned Electrical / lighting level design 	Woollahra Council, Heritage 2001
5	Fig tree seating area	High	\$100,000.00	Design / Capital Works	<ul style="list-style-type: none"> • Detailed design <ul style="list-style-type: none"> – liaison with Arborist • Construction: <ul style="list-style-type: none"> – decks – sandstone pavement – furniture 	Woollahra Council, Metropolitan Greenspace
6	Path Reconfiguration	High	\$140,000.00	Design / Capital Works	<p>Internal path realignment.</p> <ul style="list-style-type: none"> • Detailed design <ul style="list-style-type: none"> – coordination with archaeological survey / interpretive study • Demolition of existing pathways • Construction <ul style="list-style-type: none"> – regrading of south eastern corner of park – pedestrian pavement 	Woollahra Council, Metropolitan Greenspace
7	Playground	High	\$85,000.00	Design / Capital Works	<p>Relocation of playground to improve spatial relationships in eastern park.</p> <ul style="list-style-type: none"> • Detailed design • Construction <ul style="list-style-type: none"> – playground equipment – shade structure – softfall surface – retaining wall / fencing – park furniture – planting 	Woollahra Council, Metropolitan Greenspace
	Total indicative estimate - High priority areas		\$488,000.00			
8	Interpretive strategy	High	\$25,000.00	Planning / Design	<p>Interpretive strategy for Watsons Bay area to provide coordination with adjoining spaces and signage:</p> <ul style="list-style-type: none"> – Robertson Park – The Gap – Marine Parade – Sydney Harbour National Park – Watson Bay Commercial Centre 	Woollahra Council, National Heritage Grants Program
9	Military Rd edge / bank planting	Med	\$18,500.00	Design / Capital Works	<ul style="list-style-type: none"> • Detailed design <ul style="list-style-type: none"> – species / size / location – trickle irrigation • Plant procurement • Irrigation system • Planting 	Woollahra Council

No.	Item	Priority	Indicative Cost Estimate	Action Type	Description	Possible Resources (funding and technical inputs)
10	Watsons Square	Med	\$410,000.00	Design / Capital Works	<p>Pedestrianisation of existing Military Road turning circle, and relocation of turning circle a short way up the road.</p> <ul style="list-style-type: none"> • Detailed design <ul style="list-style-type: none"> – DSNRM approval (for land proposed for turning circle use) – community consultation – liaison with adjoining landowners – coordination with interpretive strategy • Construction <ul style="list-style-type: none"> – pedestrian pavement – vehicle pavement – kerb and gutter 	Woollahra Council, Metropolitan Greenspace
11	Clovelly House interpretation	Med	\$60,000.00	Design / Capital Works	<p>Implement interpretive strategy recommendations.</p> <ul style="list-style-type: none"> • Built elements and interpretive displays 	Woollahra Council, Metropolitan Greenspace
12	Planted seating area to east edge	Med	\$30,000.00	Design / Capital Works	<ul style="list-style-type: none"> • Detailed design • Construction <ul style="list-style-type: none"> – minor grading – low maintenance garden bed planting – pathway – park seats 	Woollahra Council, Metropolitan Greenspace
	Total indicative estimate - Medium priority areas		\$543,500.00			
13	Toilets	Low	\$350,000.00	Design / Capital Works	<p>Demolish existing toilet facilities and construct new amenities building near southern boundary.</p> <ul style="list-style-type: none"> • Detailed design <ul style="list-style-type: none"> – community consultation – approvals • Construction <ul style="list-style-type: none"> – toilet block – sandstone paving – radial wall – garden bed planting – fig tree planting 	Woollahra Council, Metropolitan Greenspace
14	Marine Parade steps and path from Dunbar House	Low	\$20,000.00	Design / Capital Works	<p>Provide stepping to existing wall.</p> <ul style="list-style-type: none"> • Detailed design • Construction <ul style="list-style-type: none"> – grassing to construction zone – pathway 	Woollahra Council, Metropolitan Greenspace

No.	Item	Priority	Indicative Cost Estimate	Action Type	Description	Possible Resources (funding and technical inputs)
15	Pedestrianise Clovelly Street adjacent to Dunbar House	Low	\$120,000.00	Design / Capital Works	Install pedestrian pavement to roadway. <ul style="list-style-type: none"> • Detailed design • Demolition • Construction <ul style="list-style-type: none"> – pedestrian pavement – bollards 	Woollahra Council, Metropolitan Greenspace
16	Dunbar House interpretation / upgrade works	Low	\$45,000.00	Design / Capital Works	<ul style="list-style-type: none"> • Detailed design <ul style="list-style-type: none"> – coordination with interpretive strategy • Demolition <ul style="list-style-type: none"> – 1970-80s walling • Construction <ul style="list-style-type: none"> – interpretation of out buildings – outdoor classroom / gathering area – planting adjoining residence 	Woollahra Council, Metropolitan Greenspace
	Total indicative estimate - Low priority areas		\$535,000.00			
	Overall Total		\$1,591,500.00			

6.0 FUNDING

In addition to funds available from Council's capital works program and maintenance budgets, there are opportunities for grants and corporate sponsorship that could contribute to the completion of development works to the Robertson Park.

The review below, outlines applicable sources of external funding that should be pursued by both Council and the parks's active stakeholders, to hasten the progress of park improvements.

The most applicable sources of funding are listed below, summarising these funding bodies and relevant application criteria.

Name of grant	Purpose	Administrating agency	Scope and limits of assistance
Public Reserves Management Fund Programme - Local Parks and Reserves Public Reserves Management fund Programme - Showgrounds Assistance Scheme	Improvements to Crown Reserves	NSW Department of Lands	Dollar for dollar funding but level of assistance is limited.
Job Skills	Over 21 year old trained labour for revegetation work	Dept. of Employment, Education and Training	Labour to assist in documented revegetation work. Grant covers funding for a co-ordinator and approx. 20 trainee staff for 12 months.
Heritage 2001	Funding for physical conservation works on heritage sites & structures	NSW Heritage Office	Additional funding for items being directly from State Treasury. Capital works/project specific funding only, with expectation that Council or other authority will manage and maintain.
Metropolitan Greenspace	Funding for development and enhancement of open space	Planning NSW	1 million plus total per year - average funding \$50-100,000.00 on dollar for dollar basis with council.
Australian Government Envirofund	Conserve Australia's environment and natural resources	Natural Heritage Trust	Grants of up to \$30,000.00 to carry out on ground actions to target local problems