

## 5.0. Policy

The following policies are recommended for Maroubra Beach. Guidelines which illustrate the application of these policies for the specific areas of Maroubra Beach are outlined in Section 6.

### 5.1. IMAGE, AMENITY AND SAFETY

#### 5.1.1. Desired Outcome

The development of a resource that engenders community pride and ownership and which has outstanding design quality and public amenity.

#### 5.1.2. Policies

- (a) Recreate the original landscape character of the northern and southern limits of the study area where appropriate eg. Jack Vanny Reserve and sand dunes.
- (b) Develop an urban focus and meeting space in the heart of Maroubra Beach as a commercial space for public events.
- (c) Promote a strong design ethic and a commitment to the use of quality materials and finishes.
- (d) Maintain and enhance water views for residents, shoppers, park users, tourists and club members etc.
- (e) Redevelop the streetscape to provide an attractive backdrop from the beach and reserve areas and reduce the visual impact of buildings and other structures.
- (f) Investigate the feasibility of removing exposed and unsightly infrastructure and utilities.
- (g) Provide continuously clean and safe pavements and beach sand.
- (h) Increase the number and improve the distribution of quality street furniture, toilet facilities and kiosks.
- (i) Reduce the adverse visual impact of roads, car parks and service areas.
- (j) Improve pedestrian and driver safety.
- (k) Reduce fire hazard.

- (l) Reduce the potential for public safety risks, promote surveillance over the public domain and remove existing visual barriers.
- (m) Repair/refurbish neglected facilities.
- (n) Repair vandalism immediately.
- (o) Promote public involvement in the planning, design and management of the beach.
- (p) Ensure that adequate sight distances are maintained on all trails, roads and car parks.
- (q) Eliminate dangerous practices, elements and obstacles.

#### **5.1.3. Performance Measures**

- (a) Improved community attitudes to the quality, amenity and safety of Maroubra Beach as measured by periodic survey analysis.
- (b) Removal of unsightly and unsafe structures, infrastructure and utility services.
- (c) Provision of new furniture, toilet facilities, kiosks and landscaping.
- (d) Reduced incidence of traffic accidents, assault and vandalism.
- (e) Development of a range of community based events and activities and increased community interest in events and planning.

### **5.2. LAND USE**

#### **5.2.1. Desired Outcome**

The effective utilisation of the recreational and commercial areas of Maroubra Beach which respond to and satisfy community needs and wants.

#### **5.2.2. Policies**

- (a) Provide more effective utilisation of the large area of available land at sites such as Jack Vanny Reserve, and Arthur Byrne Reserve.
- (b) Retain and protect Mahon Pool as a recreational resource.

- (d) Integrate the use of adjacent areas to promote physical and visual continuity/hierarchy.
- (e) Provide a greater diversity of uses to cater for a wide cross section of the community, especially youth.
- (f) Provide a more effective distribution of land uses throughout the study area.
- (g) Maintain and enhance existing recreational opportunities.
- (h) Consider the rationalisation of parking facilities based on traffic and demand analysis providing permanent hard paved areas for constant demand and overflow grassed areas for low frequency peak demand.
- (i) Endeavour to improve the viability of the commercial precinct and SLSC clubhouses.
- (j) Allocate land uses commensurate with the capacity of the land to accommodate those uses.
- (k) Prohibit further building development (except public toilets/kiosks) in the beach and promenade areas ie. all areas east of Marine Parade.
- (l) Initiate a comprehensive urban design strategy to establish guidelines for controlled and appropriate redevelopment of the commercial precinct to improve its economic vitality, and offer greater public amenity whilst retaining the local character of Maroubra Beach.

#### 5.2.3. Performance Measures

- (a) Increased diversity of land uses.
- (b) Improved environmental qualities
- (c) Absence of additional building development in beach and promenade areas.
- (d) Increased construction and commercial activity in the commercial precinct.
- (e) Increased community involvement in planning, design and management issues.

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### 5.3. ACCESS AND CIRCULATION

#### 5.3.1. Desired Outcome

The development of a legible and robust system of pedestrian and vehicular circulation.

#### 5.3.2. Policies

- (a) Promote ease of access from adjacent residential, commercial and recreational areas to the beach and waterfront.
- (b) Facilitate access to the beach for all, especially the elderly and disabled.
- (c) Provide a continuous north-south pedestrian route along the length of the study area east of Marine Parade and integrate with the coastal walk.
- (d) Rationalise on-street and off-street parking arrangements.
- (e) Reduce vehicular and pedestrian conflict.
- (f) Provide improved access to existing buildings.
- (g) Provide emergency access capability to all areas.
- (h) Avoid trail construction within 15 metres of the cliff face and which may damage sensitive communities.
- (i) Prohibit vehicular access to the beach, promenade and reserve except for emergency and maintenance purposes.
- (j) Investigate the feasibility of relocating the bus terminus to Mons Avenue or other alternative site.

#### 5.3.3. Performance Measures

- (a) Greater utilisation of northern and southern areas by local residents and tourists as measured by survey analysis.
- (b) Greater spread of land uses across the site.
- (c) Reduced area of hard pavement for car parking in conjunction with increased overflow parking.
- (d) Reduction in the incidence of weeds.
- (e) Improved public awareness of natural systems and responsibility for the landscape as measured by community survey analysis.

## 5.4. CONSERVATION OF NATURAL RESOURCES

### 5.4.1. Desired Outcome

The immediate commencement of natural habitat enhancement and their long term conservation and interpretation.

### 5.4.2. Policies

- (a) Prohibit removal of, damage to, or destruction of existing natural resources such as rock platforms and sand dunes.
- (b) Promote an understanding of the value of natural systems and resources through interpretation of existing landscape and habitat.
- (c) Rehabilitate disturbed areas of natural habitat and progressively reinstate additional areas of indigenous vegetation.
- (d) Maintain regular liaison with relevant government and resident groups with an interest in the protection of the environment of Maroubra Beach (e.g. Department of Land and Water Conservation, EPA, Fisheries etc.).
- (e) Monitor public use of all natural areas and take immediate remedial measures when adverse impacts become apparent.
- (f) Progressively eliminate all weeds and pests.
- (g) Rehabilitate disturbed areas using indigenous plants. Avoid the use of non-local species except in urban areas (eg. promenade, commercial zones).
- (h) Establish an ongoing monitoring programme for key environmental criteria.

### 5.4.3. Performance Measures

- (a) Maintain the existing area of remnant vegetation as measured by ecological survey.
- (b) Maintain or increase the area of revegetated/planted habitats.
- (c) Maintain or increase species richness without species losses as measured by ecological survey.

## 5.5. POLLUTION

### 5.5.1. Desired Outcome

The minimisation of all forms of pollution within the study area.

### 5.5.2 Policies

- (a) Reduce potential for chemical pollution from Mahon Pool and investigate alternative pool cleaning systems/ procedures.
- (b) Reduce sewer overflow and stormwater pollution of reserve and beach areas.
- (c) Increase the quality, size and distribution of litter bins and increase the frequency of litter collection.
- (d) Investigate and eliminate local sources of pollutants.
- (e) Implement community education programmes and enforce administration and management procedures to control the problem of dog excrement.

### 5.5.3. Performance Measures

- (a) Reduced incidence of marine and terrestrial pollution as measured by:
  - chemical analysis of water samples;
  - visual appraisal of beach condition (i.e. state of cleanliness/pollution);
  - volume of waste collected on beach and promenade areas.

## 5.6. ADMINISTRATION AND MANAGEMENT

### 5.6.1. Desired Outcome

The preparation of a sustainable, long term development and management strategy that will maintain community and political commitment.

### 5.6.2. Policy

- (a) Establish and maintain adequate financial and physical resources to effectively manage the Maroubra Beach area.

- (b) Document the responsibilities of all parties involved in beach management and ensure commitment to and implementation of those responsibilities.
- (c) Continue the role of consultation through the Maroubra Beach Precinct Committee under Section 377 of the Local Government Act 1993 as the body that oversees the long term planning, design and management of the beach.
- (d) Prohibit further alienation of public open space e.g. by restricting the granting of licences/leases over public land.
- (e) Increase the level of beach surveillance/patrol to improve public safety and reduce surfer/swimmer conflict.

#### 5.6.3. Performance Measures

- (a) Increased annual maintenance and minor works budgets.
- (b) Increased number of personnel dedicated to Maroubra Beach management issues.
- (c) Increased level of public interest in the role of the Precinct Committee.
- (d) Improved public opinion on the quality and vitality of Maroubra Beach as measured by survey analysis.

### 5.7. INFRASTRUCTURE

#### 5.7.1. Desired Outcome

The provision of infrastructure and utility services that meet community needs, and are attractive, safe, economically efficient and environmentally sustainable.

#### 5.7.2. Policy

- (a) Reduce the visual impact of the existing buildings (clubhouses, pavilion and toilets) by extensive landscape enhancement and renovation of the building facades.
- (b) Refurbish and upgrade the facilities of all buildings to achieve adequate public amenity and in accordance with the Building Codes of Australia.
- (c) Investigate the feasibility of placing overhead powerlines underground, relocating stormwater outfalls on the beach, reconstructing the existing stormwater disposal pipes and providing on site stormwater detention and water quality controls.

- (d) Reduce the area of the site devoted to roads.

#### **5.7.3. Performance Measures**

- (a) Removal of existing unsightly, unsafe structures.
- (b) Establishment of an integrated stormwater strategy.

## 6.0. Management Zones and Guidelines

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### 6.1. STATEMENT OF INTENT

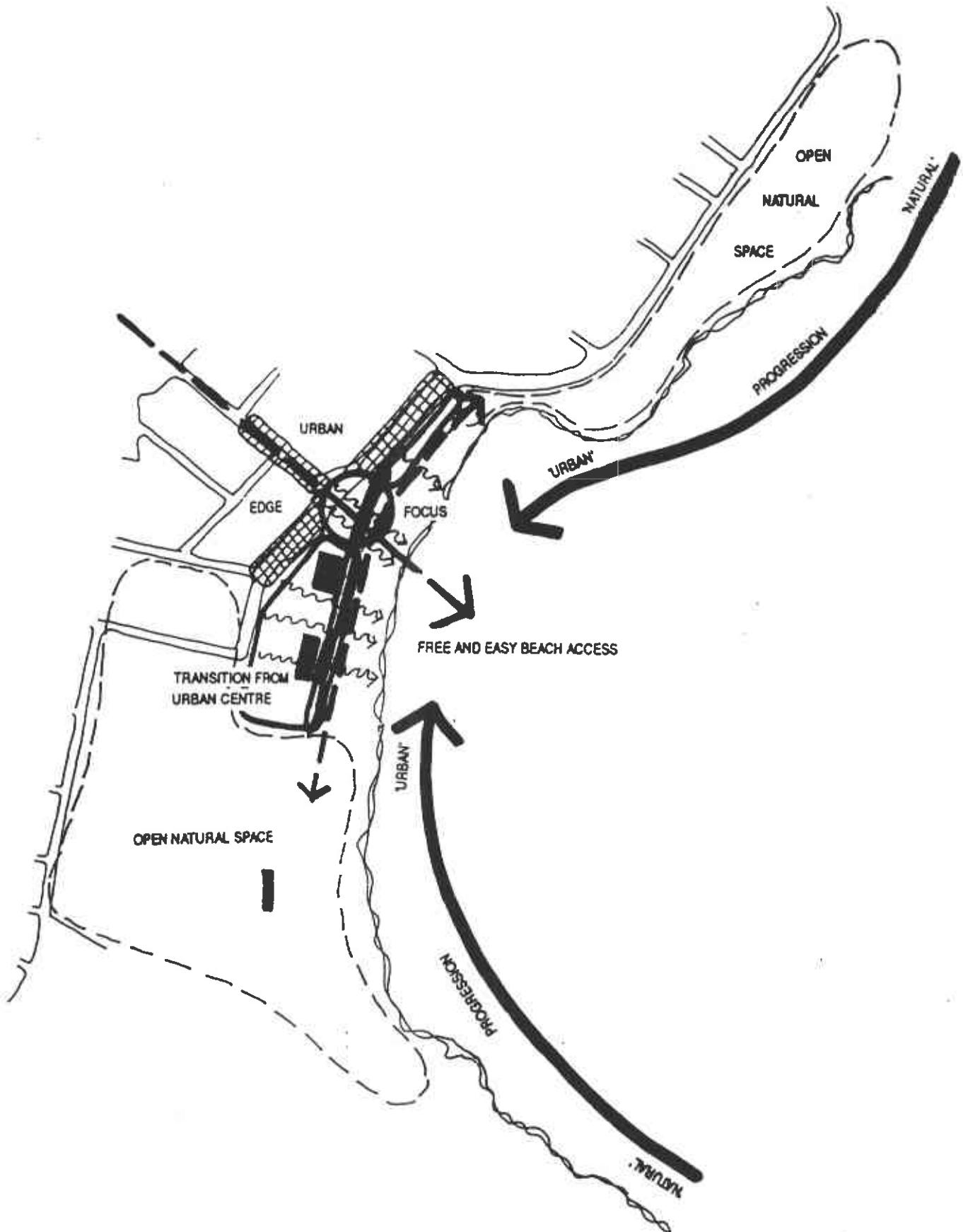
The future development of Maroubra Beach should be based upon the following principles. These are conceptually illustrated in Figure 9.

- > Development of a social, recreational, commercial and visual focus centred on the area around the Marine Parade/McKeon Street intersection.
- > The waterfront area should be characterised by a progression of form from natural, freeform elements in the far north and south of the study area moving to more intensive urban forms and structures towards the central focus or node.
- > The enhancement of the Marine Parade/McKeon Street retail precinct as a distinctive urban edge. This urban edge should include adjacent residential development to the west and provide a backdrop to the public domain and beach front promenade to the east.
- > Provide a mechanism for the ongoing involvement of the local community in the planning, design and management of Maroubra Beach through public surveys, workshops, public meetings, community art projects etc. Particular attention should be given to the provision of facilities for local youth.
- > Access to the beach from the hinterland should be unimpeded, facilitating visual and physical access by all user groups.
- > The substantial areas between the beach and builtup area should be developed with a range of structured and unstructured recreational and community oriented land uses that both activate and control these spaces.

### 6.2. MANAGEMENT ZONES

The study area has been divided into a number of discrete zones as a means of facilitating the implementation of future management initiatives.

The delineation of these management zones is shown in Figure 10 and has been undertaken on the basis of the distinct variations in land use, morphology, character and management regimes.



## MAROUBRA BEACH PLAN OF MANAGEMENT

DESIGN PRINCIPLES

FIGURE 9

# MAROUBRA BEACH PLAN OF MANAGEMENT MANAGEMENT ZONES

FIGURE 10  
PREPARED FOR RANDWICK CITY COUNCIL AUGUST 1995  
BY HASSELL

SCALE  
0 50 100 150 200 250 300 350 400 450 500M

Jock Verry Memorial Park

Munition Park

Munition Park Ammunition

Car Park

South Maroubra Surf Life Saving Club

Car Park

Bus Stop  
Maroubra Surf Life Saving Club  
Beach Pavilion  
Car Park

Long Bay Rifle Range

## LEGEND

NORTHERN HEADLAND

BEACH

PROMENADE AND PLAZA

COMMERCIAL STREETSCAPE

WESTERN RECREATIONAL RESERVES

SOUTHERN DUNES



Six management zones have been allocated over the study area. They encompass the following areas:

- Zone 1 - The Northern Headland - Jack Vanny Reserve, including sandstone cliffs, Mahon Pool and amenities, and northern car park.
- Zone 2 - Beach - the area of clear sand between the mean high water mark and the sea wall/promenade or frontal dunes to the south.
- Zone 3 - The Promenade and Plaza - the central zone comprising the major public walkways, buildings, landscaped areas and central car park between the beach and Marine Parade.
- Zone 4 - Commercial - the retail shopping area of McKeon Street and Marine Parade including the associated carriageways and bus interchange.
- Zone 5 - Western Recreation Reserves - comprising John Shore Reserve, Broadarrow Reserve and Arthur Byme Reserve including associated streetscape areas.
- Zone 6 - Southern Dunes - including the South Maroubra Surf Life Saving Club.

### 6.3. MANAGEMENT PHILOSOPHY

The key management philosophies for each zone are as follows:

- Zone 1 - The Northern Headland - reinstate heathland communities in association with unstructured recreation zones and facilitate greater public access and usage.
- Zone 2 - Beach - maintain its pre-eminent position as one of Sydney's greatest recreational assets but improve public amenity and safety.
- Zone 3 - The Promenade and Plaza - develop this zone as a major community focus, and a meeting and events space with strong physical and visual integration with the beach and commercial zones.
- Zone 4 - Commercial - revitalise the commercial centre, encourage development within pre-determined limits and provide improved levels of public amenity and safety.
- Zone 5 - Western Recreation Reserves - develop these reserves as substantial community assets for structured and unstructured recreation and utilise the large available land area for possible stormwater detention and water quality enhancement.

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Zone 6 - Southern Dunes - retain and protect the existing dunes with only minor, strictly controlled incursion for beach access and recreational areas associated with the South Maroubra SLSC.

#### 6.4. SCHEDULING OF LAND

Subject to the findings of a complete plan of management it would be appropriate to designate the public land covered by the study area as "Community" land in accordance with the Local Government Act, 1993.

#### 6.5. POLICY INITIATIVES AND GUIDELINES

The following policy initiatives and guidelines are the recommended actions required to implement the development and management policies for each zone. (Refer Table 1 and 2).

Wherever possible the guidelines are illustrated and an opinion of probable capital cost given with associated priority for implementation. The organisations most likely to be responsible for the initiation and/or implementation of the activity are indicated as required.

It must be stressed that:

- (a) the recommended guidelines are based upon the results of this overview study only and further detailed research, design and policy formulation will be required in several key areas;
- (b) the opinions of probable cost are preliminary budget allowances only based on broad assumptions. They have not been based upon any detailed design, site survey or specialist investigations. It is too early at this stage to estimate recurrent costs;
- (c) the provisional priorities list is based upon preliminary assessment of Council aspirations and feedback gained during the preparation of this study; and
- (d) no attempt has been made to estimate budget allocations for costs in excess of \$250,000.00. The opinions of probable cost should be used only as an indication of the order of magnitude of likely costs.

<b>Priority</b>	<b>Description</b>	<b>Timing</b>
A <sup>1</sup>	Immediate Action - urgent	0 - 3 months
A <sup>2</sup>	Immediate Action - as soon as possible	0-12 months
B	Short Term Action	1-2 years
C	Medium Term	2-5 years
D	Long Term	5 years+

**RESPONSIBILITIES KEY**

RCC	-	Randwick City Council.
STA	-	State Transit Authority.
SE	-	Sydney Electricity.
SW	-	Sydney Water.
SMSLSC	-	South Maroubra Surf Life Saving Club.
MSLSC	-	Maroubra Surf Life Saving Club.
DLWC	-	Department of Land and Water Conservation.

**TABLE 1 - POLICY INITIATIVES AND SPECIALIST STUDIES**

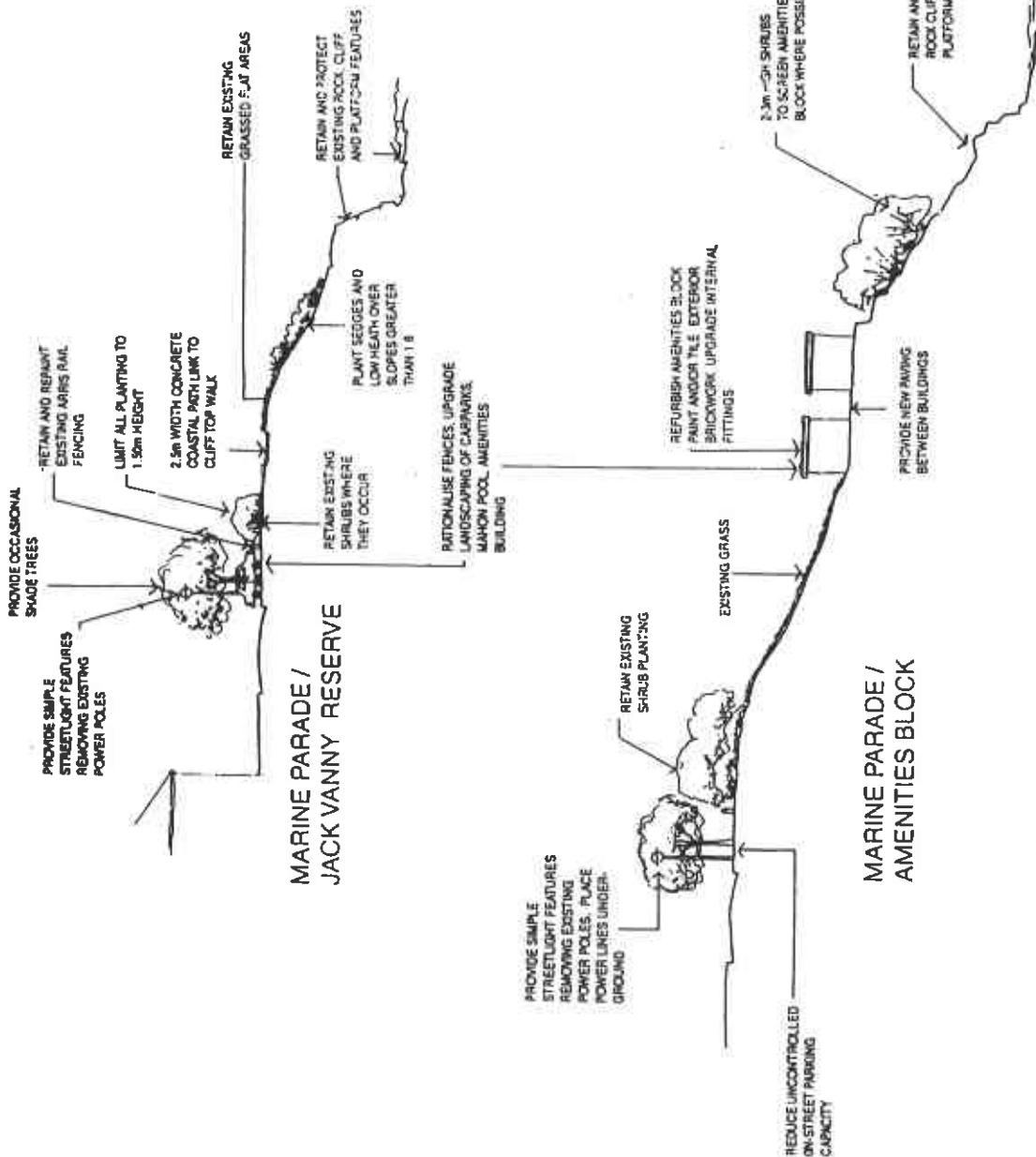
<b>Strategic Policy Initiatives and Specialist Studies</b>		<b>Provisional Budget Allowance</b>	<b>Priority</b>	<b>Responsibilities</b>
<b>1.</b>	<b>Commercial Precinct Urban Design Strategy and Development Control Plan</b>	To be determined	A <sup>2</sup>	RCC/key land owners
	<ul style="list-style-type: none"> <li>- desired future character, built form development potential and FSR</li> <li>- beach and promenade master plan</li> <li>- heritage</li> <li>- traffic and parking</li> <li>- streetscape, public domain, public art programme</li> <li>- economic appraisal</li> <li>- youth facilities plan.</li> </ul>			
<b>2.</b>	<b>Community Consultation Programme</b>	To be determined	A1	RCC
	<ul style="list-style-type: none"> <li>- public exhibitions</li> <li>- community forums</li> <li>- surveys</li> <li>- newsletters</li> <li>- design workshops</li> <li>- public open days.</li> </ul>			
<b>3.</b>	<b>Hydraulic Study</b>	To be determined	A2	RCC/SW
	<ul style="list-style-type: none"> <li>- geotechnical appraisal of potential wetlands</li> <li>- risk assessment, storm wave impact</li> <li>- flood mitigation</li> <li>- remedial works, stormwater outfall diversion and pipeline reconstruction</li> <li>- pollution control strategy e.g. Mahon Pool, litter collection, rifle range leachate.</li> </ul>			
<b>4.</b>	<b>Ecological Assessment</b>	To be determined	A1	RCC
	<ul style="list-style-type: none"> <li>- flora and fauna survey assessments incl. fire hazard</li> </ul>			

**TABLE 1 - POLICY INITIATIVES AND SPECIALIST STUDIES - Cont.....**

<b>Strategic Policy Initiatives and Specialist Studies</b>	<b>Provisional Budget Allowance</b>	<b>Priority</b>	<b>Responsibilities</b>
<b>5. Bus Terminus Relocation Study</b>	To be determined	A <sup>2</sup>	RCC/STA
<b>6. Engineering Survey and Infrastructure Relocation Appraisal</b>	To be determined	A <sup>2</sup>	RCC
- topographic, cadastral, boundary and services survey power/lighting relocation/undergrounding assessment.			
<b>7. Reappraisal of Capital and Recurrent Works Budgets</b>	--	A <sup>2</sup>	RCC
<b>8. Reappraisal of Human Resources Allocation</b>	--	A <sup>2</sup>	RCC
<b>9. Review Public Health and Safety Procedures/Practices</b>			
- Assess public risk and implement appropriate insurances (e.g. cliff top walk)	tba	A <sup>1</sup>	RCC
- Develop and implement dog excrement strategy	tba	A <sup>1</sup>	RCC
- Upgrade footpaths and signage generally	tba	A <sup>1</sup>	RCC
- Upgrade beach cleaning, inspection resources and practices	tba	A <sup>1</sup>	RCC
<b>10.* Implement comprehensive weed eradication programme.</b>	tba	A <sup>2</sup>	RCC
<b>11.* Maintain and enhance beach dune conservation zone and initiate dune care programme.</b>	tba	A <sup>2</sup>	RCC
<b>12. Implement public health and safety audit - Maroubra Beach Hotel</b>	tba	A <sup>1</sup>	RCC
<b>13. Review requirements for environmental impact assessment and development approvals.</b>	tba	A <sup>2</sup>	RCC
<b>14. Confirm funding and revenue policies - e.g. application of revenue generated by beach facilities.</b>	tba	A <sup>1</sup>	RCC
* Council to provide seed funding and promotional initiatives to assist community groups, schools and special interest groups.			

**TABLE 2 - DEVELOPMENT AND MANAGEMENT GUIDELINES**

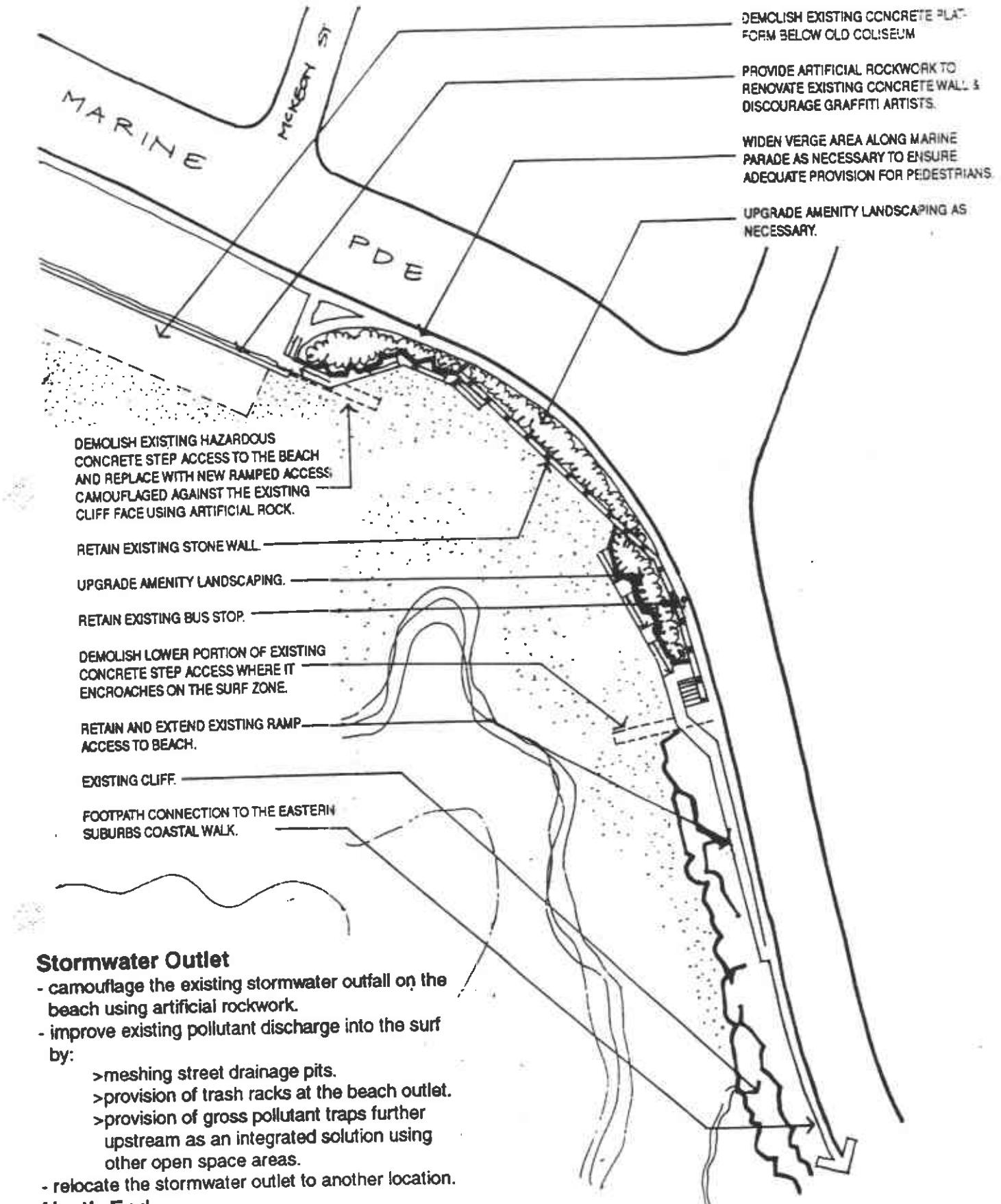
Zone	Title	Guidelines	Provisional Budget Allowance	Priority	Responsibilities
Zone 1.	Northern Headland (Refer Figure 11)	1.1 Provide unstructured recreation facilities including children's play area in Jack Vanny Reserve. 1.2 Create heath, sedge and native grassland in lieu of introduced grass (<1.5m). 1.3 Coastal Walk construction including interpretive signage and possible linkages to Coogee Beach, Clovelly, Botany Bay and Yarra Bay. 1.4 Mahon Pool <ul style="list-style-type: none"> <li>- reconstructed stairs.</li> <li>- refurbish amenities.</li> <li>- paving to amenities.</li> <li>- landscape below and around amenities.</li> <li>- resolve chemical usage/slippery steps.</li> <li>- upgrade cleaning programme.</li> </ul> 1.5 Rationalise parking bays/barriers and fencing and implement new landscaping including refurbishment of toilet facilities. 1.6 Implement alternative streetscape development and investigate sites for relocation of Norfolk Island Pines. 1.7 Remove overhead power lines and place underground or bundle cables. 1.8 Repair and mask existing stormwater trench. 1.9 Replace furniture and upgrade. 1.10 Implement weed eradication programme.	\$50,000.00 \$100,000.00 \$50,000.00 \$5,000.00 \$20,000.00 \$15,000.00 \$10,000.00 recurrent recurrent \$100,00.00 \$50,000.00 tba \$10,000.00 \$10,000.00 recurrent	C A <sup>1</sup> A <sup>1</sup> A <sup>1</sup> A <sup>1</sup> A <sup>1</sup> A <sup>1</sup> A <sup>1</sup> A <sup>1</sup> D C C A <sup>2</sup>	RCC RCC RCC RCC RCC RCC RCC RCC RCC RCC/Community RCC RCC RCC RCC RCC RCC RCC RCC RCC RCC/SE RCC RCC RCC



<b>MAROUBRA BEACH PLAN OF MANAGEMENT</b>	
ZONE 1 NORTHERN HEADLAND	FIGURE 11 TYPICAL SECTIONS
PREPARED FOR RANDWICK CITY COUNCIL by HASSELL	AUGUST 1995
<b>Marine Parade</b>	<ul style="list-style-type: none"> <li>Large Carpark</li> <li>- replace degraded grass with colourful groundcover planting,</li> <li>- provide new fencing to match above.</li> <li>- remove weeds above cliff and replant with desirable coastal vegetation.</li> <li>- upgrade and augment furniture.</li> <li>- replace concrete planting bed edges with sandstone.</li> <li>- provide screen shrub planting (1.5-2m) in the verge.</li> </ul>
<b>Cliff-top Walk</b>	<ul style="list-style-type: none"> <li>provide interpretive walk and possible future connection to Eastern Suburbs cliff-top coastal trail for walkers and joggers.</li> <li>provide interpretive signage.</li> <li>Jack Vanny Memorial Park</li> <li>- remove localised weeds and replant with desirable natives and coastal vegetation.</li> <li>Mahon Pool</li> <li>- reconstruct existing stairways and balustrades to improve public safety.</li> <li>- repair existing stormwater trench. Mask with artificial rockwork.</li> </ul>

**TABLE 2 - DEVELOPMENT AND MANAGEMENT GUIDELINES - Cont.....**

Zone	Title	Guidelines	Provisional Budget Allowance	Priority	Responsibilities
Zone 2.	Beach (Refer Figure 12)	2.1 Divert or reconstruct stormwater outlets. 2.2 Implement comprehensive pollution minimisation strategy - GPT's, trash rack etc. 2.3 Reconstruct access to Maroubra Beach north (x2), new ramps, viewing area and stairs. 2.4 Remove graffiti from seawall and investigate feasibility of community arts programme for wall mural. 2.5 Remove existing litter bins and replace with attractive and durable furniture. Increase number of bins. 2.6 Investigate feasibility of demolishing base of colosseum pad and reinstate beach sand. 2.7 Provide additional spring loaded beach showers. 2.8 Upgrade disabled access provisions at southern end of beach and promenade. 2.9 Provide small paved forecourt to each and west of SMSLSC. 2.10 Investigate feasibility of rehabilitation of southern rockpool. 2.11 Provide flags and life guards at Northern end of Maroubra Beach. 2.12 Investigate purchase of improved beach cleaning machine. 2.13 Council to investigate opening hours of South Maroubra Surf Club and consider restriction on hours of use. 2.14 Establish beach volleyball courts on the sand near the pavilion.	\$250,000.00 + \$250,000.00 \$150,000.00 \$10,000.00 \$20,000.00 \$20,000.00 \$5,000.00 \$10,000.00 \$40,000.00 \$1,000.00 \$10,000.00 ... ... ...	B B C C A <sup>1</sup> C A <sup>1</sup> B C C A <sup>1</sup> A <sup>2</sup> A <sup>2</sup>	RCC RCC RCC RCC RCC RCC RCC RCC SMSLSC RCC RCC RCC RCC RCC



### Stormwater Outlet

- camouflage the existing stormwater outfall on the beach using artificial rockwork.
- improve existing pollutant discharge into the surf by:
  - >meshing street drainage pits.
  - >provision of trash racks at the beach outlet.
  - >provision of gross pollutant traps further upstream as an integrated solution using other open space areas.
- relocate the stormwater outlet to another location.

### North End

- clean graffiti from the wall of the old 'Coliseum'.
- provide additional litter bins.
- remove steps above the 'Coliseum' and plant above or camouflage with artificial rockwork.
- remove existing weeds (Bitou Bush) and replant with desirable coastal vegetation.
- locate additional shower points.
- provide disabled access to the southern end of the eastern promenade and re-grade the existing ramp outside the SLSC suitable for disabled

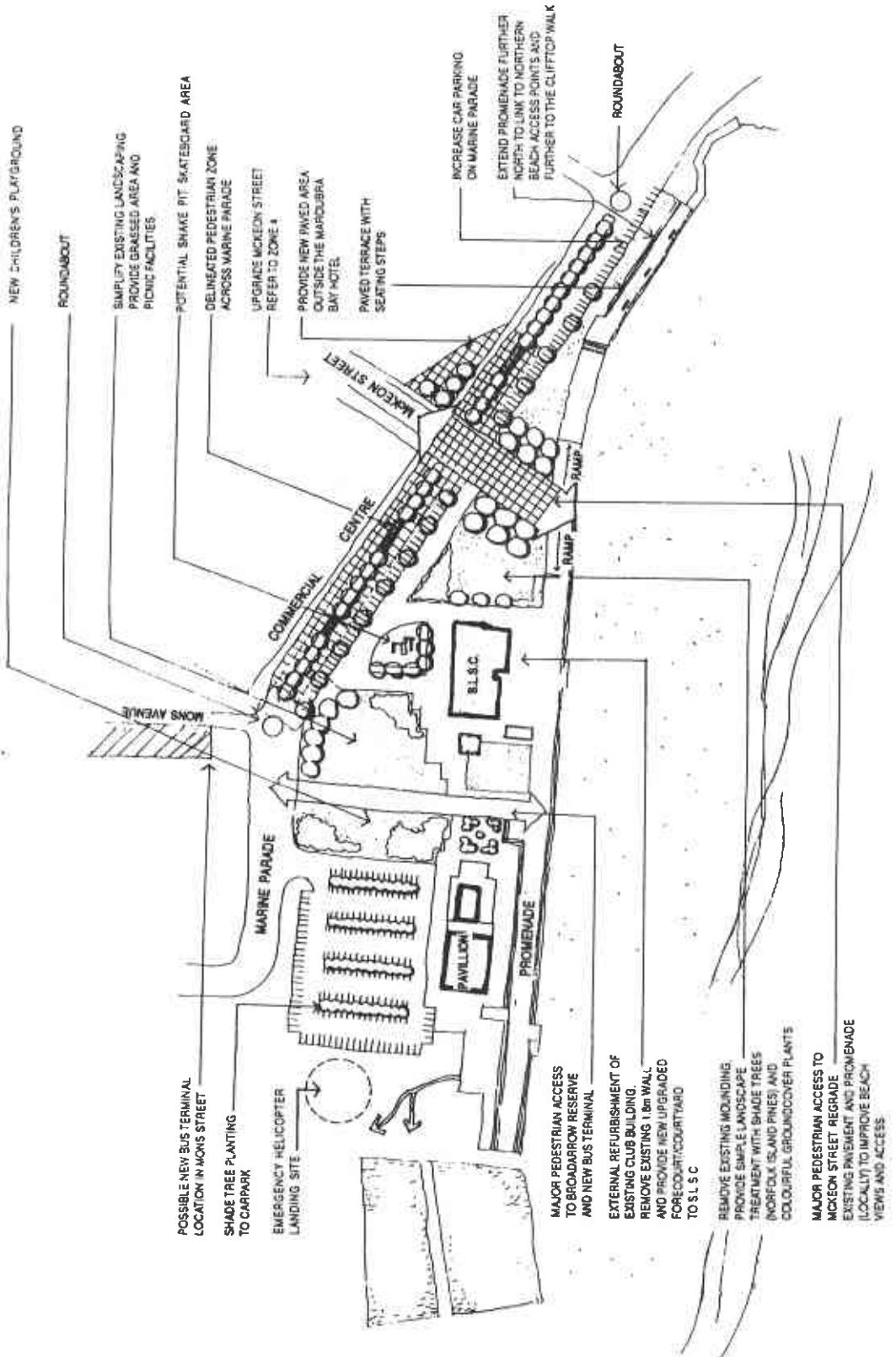
## MAROUBRA BEACH PLAN OF MANAGEMENT

ZONE 2  
BEACH  
ACCESS NORTHERN END

FIGURE 12

**TABLE 2 - DEVELOPMENT AND MANAGEMENT GUIDELINES - Cont.....**

Zone	Title	Guidelines	Provisional Budget Allowance	Priority	Responsibilities
Zone 3	Promenade and Plaza (Refer Figure 13)	<p>3.1 Extend north/south and east/west pedestrian and cyclist routes and eliminate physical and visual barriers.</p> <p>3.2 Provide additional recreation facilities and extend plaza area to west.</p> <ul style="list-style-type: none"> <li>- playgrounds.</li> <li>- snake pit, skatebowl, rollerblade circuit.</li> <li>- half pipe ramp.</li> <li>- street skate track.</li> <li>- skatebowl.</li> <li>- multi-purpose courts (basketball, netball etc.)</li> <li>- picnic areas.</li> <li>- shelters,</li> <li>- shade trees.</li> <li>- community art project.</li> </ul>	\$50,000.00	B	RCC
		<p>3.3 Re-configure car park to improve circulation, reduce asphalt area, provide shade, increase on road parking to Mons Avenue and Fitzgerald Avenue.</p> <p>3.4 Renovate Maroubra SLSC by painting and general external upgrade. Investigate feasibility of incorporating public toilet facilities in SLSC.</p> <p>3.5 Investigate feasibility of removing existing walls to promenade and development promenade forecourt.</p> <p>3.6 Construct east/west pedestrian link between Marine Parade and promenade.</p> <p>3.7 Develop nodal zone/plaza by lowering promenade, constructing beach terraces and removing mounding and shrub planting. Use shade trees (Norfolk Island Pines).</p>	\$350,000.00  \$80,000.00  \$80,000.00  \$50,000.00  \$50,000.00+  \$250,000.00+	A <sup>2</sup> A <sup>1</sup> B B B B A <sup>1</sup> B B	RCC  MSLSC  RCC  RCC  RCC



#### Promenade

- upgrade the promenade:
  - > provide simple coloured tile or paving instead of edges and banding
  - > highlight the existing 'kerb' above the beach with simple tiling or paving
  - > provide a co-ordinated furniture range and upgrade lighting features
  - consider the promenade to be an extension of the coastal walk link
- extend existing step access to the beach
- opportunity to add kiosk / toilets / shower points

#### Plaza Area

- relocate bus terminal
- provide picnic facilities and generally upgrade furniture provision
- provide shower points
- Marine Parade**
- provide planted central median with formal street tree and coloured groundcover planting

## MAROUBRA BEACH PLAN OF MANAGEMENT

ZONE 3 AND ZONE 4  
PROMENADE AND PLAZA  
AND COMMERCIAL STREETSCAPE

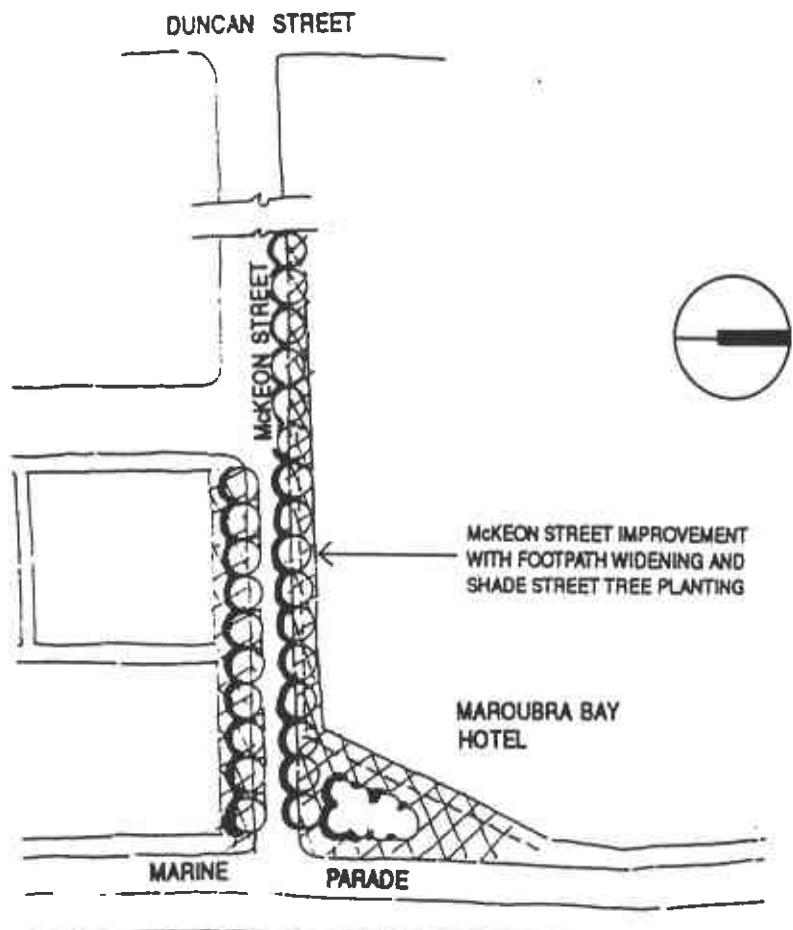
PREPARED FOR RANDICK CITY COUNCIL  
BY HASSELL  
SCALE 1:2000  
FIGURE 13  
AUGUST 1993

**TABLE 2 - DEVELOPMENT AND MANAGEMENT GUIDELINES - Cont.....**

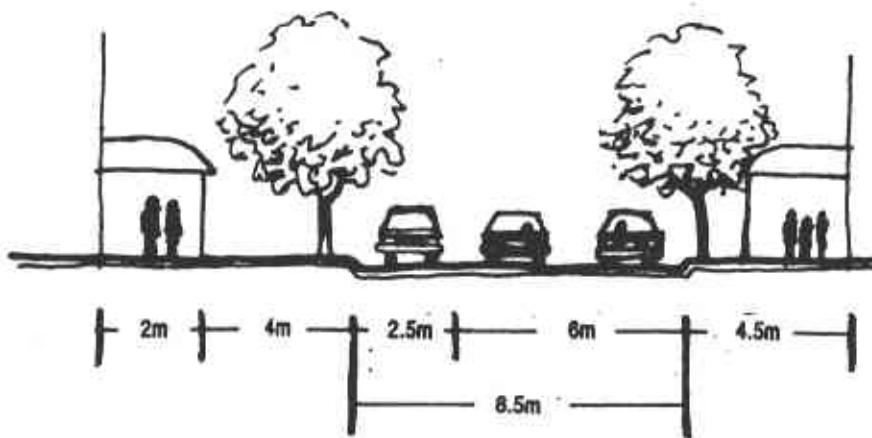
Zone	Title	Guidelines	Provisional Budget Allowance	Priority	Responsibilities
Zone 3		3.8 Provide activity focus at northern beach area, toilets, amenities, kiosk. 3.9 Extend promenade to the north over existing grass area and provide steps to beach. 3.10 Upgrade promenade with inset banding and edging in tiles or pavers. 3.11 Relocate bus terminus. 3.12 Formalise pedestrian link to Broadarrow Reserve. 3.13 Selectively remove existing tall shrubs and convert to grass and paved plaza area. 3.14 Investigate and rectify damage to stormwater discharge line. 3.15 Provide disabled access throughout zone. 3.16 Upgrade promenade lighting and widen footpath to Marine Parade. - develop viewing area from Marine Parade over beach. 3.17 Provide additional parking to Marine Parade. 3.18 Implement 'low speed' zone - signage. 3.19 Replace balustrade to promenade. 3.20 Add street/park furniture - seats, tables, bins, BBQ's etc. 3.21 Remove eucalypts below power lines in Maroubra Road.	\$150,000.00 \$50,000.00 \$80,000.00 \$250,000.00+ \$25,000.00 \$25,000.00 \$250,000.00+ \$25,000.00 \$150,000.00 \$10,000.00 \$5,000.00 \$60,000.00 \$100,000.00	B B B C D B B B B B B	RCC RCC RCC STA RCC RCC RCC RCC RCC RCC RCC RCC

**TABLE 2 • DEVELOPMENT AND MANAGEMENT GUIDELINES - Cont.....**

<b>Zone</b>	<b>Title</b>	<b>Guidelines</b>	<b>Provisional Budget Allowance</b>	<b>Priority</b>	<b>Responsibilities</b>
Zone 4	Commercial Streetscapes (Refer Figure 14)	<p>4.1 Redevelop McKeon Street (Marine Parade to High School site).</p> <p>- verge widening, streetscape enhancement, lighting, furniture, trees.</p> <p>4.2 Redevelop Marine Parade</p> <ul style="list-style-type: none"><li>- Central planted median</li><li>- pedestrian priority zone</li><li>- shade trees</li><li>- roundabout</li><li>- pedestrian lighting</li><li>- street furniture.</li></ul>	\$400,000.00+  \$2,000,000.00+	B  B	RCC/Chamber of Commerce/ Federal Government.



SCALE 1:1500



SCALE 1:200

### McKeon Street

- upgrade McKeon St:
  - > narrow McKeon St and provide wide footpath access and street trees for shade and shelter.
  - > parking on one side only.
  - > install high quality pavements.
  - > provide a co-ordinated range of street furniture and lighting fixtures.
- provide a paved terrace area with shade trees in the corner of McKeon St and Marine Pde in front of the Maroubra Bay Hotel.
- highlight views to beach.

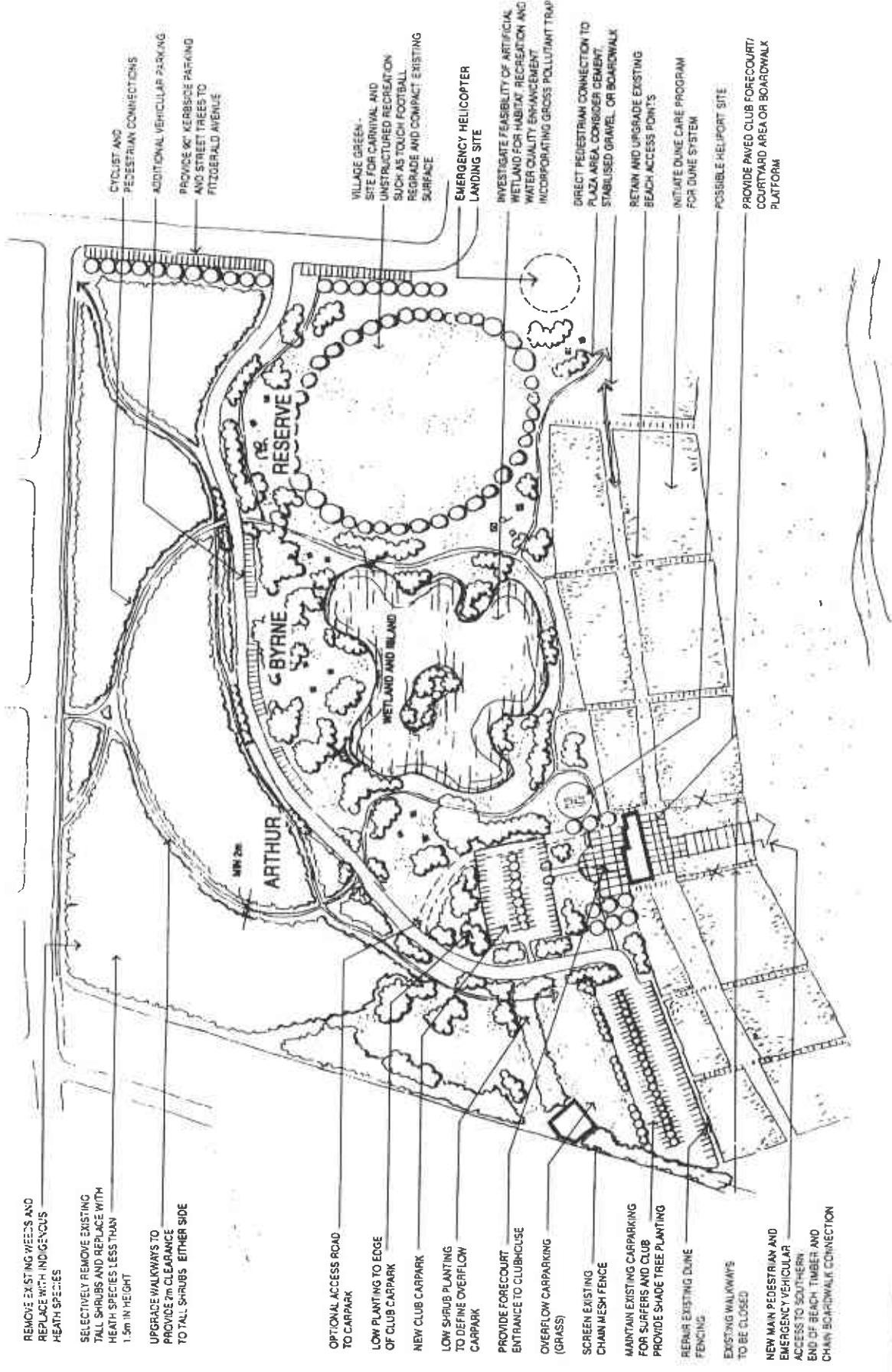
## MAROUBRA BEACH PLAN OF MANAGEMENT

ZONE 4  
MCKEON STREET

FIGURE 14

**TABLE 2 - DEVELOPMENT AND MANAGEMENT GUIDELINES - Cont.....**

Zone	Title	Guidelines	Provisional Budget Allowance	Priority	Responsibilities
Zone 5.	Western Recreation Reserve (Refer Fig. 15)	<p>5.1 Extend north/south and east/west pedestrian/cyclist routes.</p> <p>5.2 Provide additional recreation facilities i.e. two basketball courts adjacent to southern boundary of main carpark and capacity for carnivals.</p> <p>5.3 Selectively thin vegetation along existing walkways and replace tall shrubs with heathland species (&lt;1.5m).</p> <p>5.4 Consolidate uneven filled surfaces (if wetland area does not proceed).</p> <p>5.5 Provide "village green" for large community events.</p> <p>5.6 Provide new artificial wetlands to provide recreational focus, enhanced habitat, pollution mitigation and interpretive facilities.</p> <p>5.7 Selectively remove tall shrubs to provide for surveillance of open space - replant with clear stemmed shade trees and low shrubs/ groundcover.</p> <p>5.8 Develop park entries/signage.</p> <p>5.9 Provide additional on-street parking areas.</p> <p>5.10 Provide street trees to Mons Avenue and Fitzgerald Avenue and seal gravel to road shoulder in Fitzgerald avenue - south.</p> <p>5.11 Place overhead powerlines underground or bundle cables.</p> <p>5.12 Investigate feasibility of emergency helicopter landing area.</p> <p>5.13 Investigate stormwater ponding at South Maroubra Beach.</p>	\$200,000.00+ \$55,000.00 \$10,000.00 \$20,000.00+ \$25,000.00 \$1,000,000.00+ \$50,000.00 \$15,000.00 \$100,000.00 \$20,000.00 \$50,000.00 \$5,000.00	C C A <sup>2</sup> B B B A <sup>2</sup> B C C - A <sup>2</sup> A <sup>2</sup>	RCC RCC RCC RCC RCC RCC RCC RCC RCC Sydney Electricity RCC RCC



## MAROUBRA BEACH

PLAN OF MANAGEMENT

**FIGURE 15**  
**ZONE 5 AND ZONE 6**  
**WESTERN RECREATION RESERVE AND**  
**SOUTHERN DUNES**

PREPARED FOR RAYDICK CITY COUNCIL  
BY HASSEL AUGUST 1995

South Maroubra SLSC

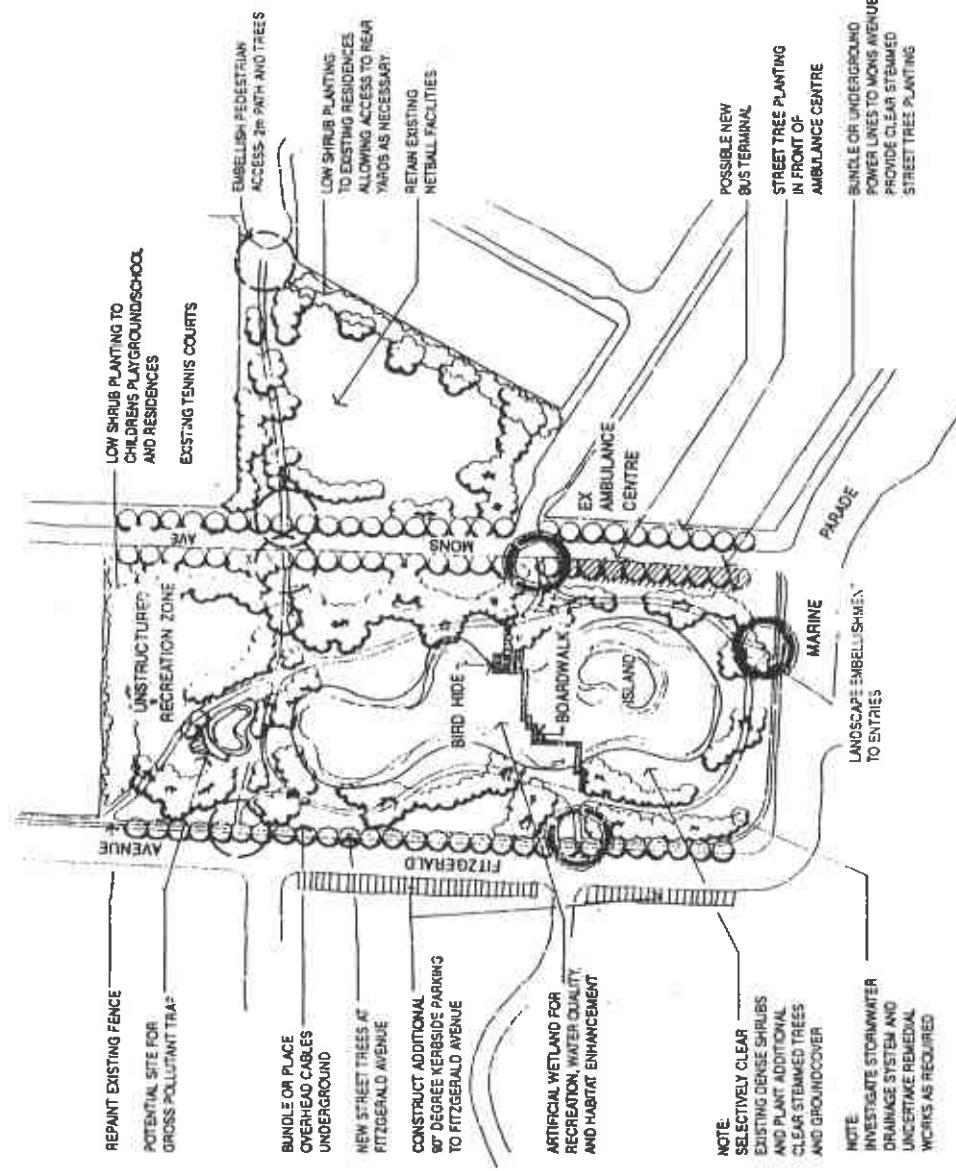
- consider installation of alternative walkway surface on top of the dune:
    - >cement stabilised gravel
    - >raised boardwalk

Arthur Byrne Reserve

- regrade and compact existing grassed area to create an informal 'village green' for carnivals and informal recreation.
  - provide a gross pollutant trap to assist improvement of water quality at the beach outlet.
  - incorporate picnic areas under shade trees as part of the recreation system.

**TABLE 2 - DEVELOPMENT AND MANAGEMENT GUIDELINES - Cont.....**

Zone	Title	Guidelines	Provisional Budget Allowance	Priority	Responsibilities
Zone 6	Southern Dunes. (Refer Figure 16)	<p>6.1 Repair/reinstate dune fences and undertake additional dune weeding and planting (&lt;1.5M). Seek advice from Department of Land and Water Conservation regarding management of dune system.</p> <p>6.2 Maintain and upgrade existing dune accessways to beach from reserve areas (east-west).</p> <p>6.3 Upgrade north-south dune pathway as boardwalk or cement stabilised trail.</p> <p>6.4 Remove tall shrubs in front of clubhouse. Replant dense areas in the vicinity of the club to provide low heath (&lt;1m) with views to beach. Note: this area should not extend more than 15m from the east face of the building and the existing sand dunes should remain largely untouched. No structures or walls should be built in the sand dune area.</p> <p>6.5 Renovate exterior of South Maroubra SLSC.</p> <ul style="list-style-type: none"> <li>- paint.</li> <li>- new forecourt to western entrance.</li> </ul> <p>6.6 Construct new main beach accessway from SMSLSC to beach and close existing walkways (x 2).</p> <p>6.7 Provide new club patrons car park with grassed overflow with new driveway access.</p> <p>6.8 Rationalise beach user parking area by delineating parking areas, addition of shade trees and shade planting.</p>	\$50,000.00  \$10,000.00  \$10,000.00+  \$20,000.00  \$35,000.00 \$40,000.00  \$15,000.00  \$120,000.00  \$30,000.00	A <sup>2</sup>  B  B  B	RCC/CALM  RCC  RCC  SMSLSC/RCC  SMSLSC/RCC  SMSLSC/RCC  SMSLSC/RCC



## MAROUBRA BEACH PLAN OF MANAGEMENT

FIGURE 16  
ZONE 5  
JOHN SHORE PARK AND BROADARROW  
RESERVE  
PREPARED FOR RANDWICK CITY COUNCIL  
BY HASSELL AUGUST 1995

- John Shore Reserve**
- provide legible park entries and embellish existing pedestrian access.

### Mons Street Broadarrow Reserve

- provide 90° angle car parking if necessary.
- incorporate a boardwalk, bird hide and other recreational features in the park.
- provide a gross pollutant trap to assist improvement of water quality at beach outlet.
- provide legible park entries at logical locations with paving, landscaping, signage and clear views into the park.
- connect entries to the internal pedestrian system.
- retain and embellish existing pedestrian access to John Shore and Arthur Byrne Reserves.

## 6.6. 1995/96 FINANCIAL YEAR

Council has indicated that capital works funding of \$353,000.00 is available from its 1995/96 budget. Council has been advised by the State Government that supplementary funding will be provided on a one for one basis.

Following discussions with the consultative committee a provisional budget allocation has been determined for the 1995/96 financial year as follows:

Jack Vanny Reserve	\$150,000.00
- immediate works design	August/September 1995
- construction	October/December 1995
Specialist studies for major works	\$150,000.00
- urban design strategy	September/December 1995
- hydraulic/geotechnical study	September/December 1995
Major works implementation	
\$400,000.00	
- design	January/February 1996
- construction	March/June 1996
<b>TOTAL</b>	<b>\$700,000.00</b>

**VOLUME 3 - SUPPORTING PAPERS**

## **APPENDIX 1**

**Maroubra Beach Indicative Plant Species List**

**Area 1 - Embankment Planting at Arthur Byrne Reserve**

*Acacia sophorae*  
*Acacia suaveolens*  
*Acacia suaveolens*  
*Allo casuarina distyla*  
*Banksia aemula*  
*Banksia ericifolia*  
*Banksia integrifolia*  
*Banksia marginata*  
*Banksia serrata*  
*Carpobrotus glaucescens*  
*Correa alba*  
*Dampiera stricta*  
*Eucalyptus robusta*  
*Eucalyptus botryoides*  
*Ficus rubiginosa*  
*Hakea gibbosa*  
*Hibbertia scandens*  
*Kennedia rubicunda*  
*Kunzea ambigua*  
*Leptospermum laevigatum*  
*Leptospermum squarrosum*  
*Lomandra longifolia*  
*Melaleuca armillaris*  
*Westringia fruticosa*

**Area 2 - North of Maroubra Beach Surf Life Saving Club**

*Acacia suaveolens*  
*Banksia ericifolia*  
*Banksia integrifolia*  
*Carpobrotus glaucescens*  
*Correa alba*  
*Eucalyptus botryoides*  
*Hibbertia scandens*  
*Leptospermum laevigatum*  
*Lomandra longifolia*  
*Melaleuca armillaris*  
*Westringia fruticosa*

**Area 3 - Broadarrow Reserve**

*Acacia sophorae*  
*Acacia sophorae*  
*Allo casuarina distyla*  
*Banksia integrifolia*  
*Banksia marginata*  
*Banksia serrata*  
*Correa alba*  
*Eucalyptus botryoides*  
*Leptospermum laevigatum*  
*Westringia fruticosa*

**Area 4 - Arthur Byrne Reserve Planting**

*Allo casuarina distyla*  
*Banksia integrifolia*  
*Banksia marginata*  
*Banksia serrata*  
*Correa alba*  
*Ficus rubiginosa*  
*Leptospermum laevigatum*  
*Lomandra longifolia*  
*Westringia fruticosa*

**Area 5 - West of Maroubra Beach Surf Life Saving Club**

*Allo casuarina distyla*  
*Banksia ericifolia*  
*Banksia marginata*  
*Correa alba*  
*Kunzea ambigua*  
*Leptospermum laevigatum*  
*Lomandra longifolia*  
*Melaleuca armillaris*  
*Westringia fruticosa*

**Area 6 - Beach Dune Planting**

*Acacia sophorae*  
*Allo Casuarina distyla*  
*Banksia ericifolia*  
*Banksia integrifolia*  
*Banksia marginata*  
*Carpobrotus glaucescens*  
*Correa alba*  
*Eucalyptus botryoides*  
*Eucalyptus robusta*  
*Hakea gibbosa*  
*Kunzea ambigua*  
*Leptospernum laevigatum*  
*Lomandra longifolia*  
*Melaleuca armillaris*  
*Westringia fruticosa*

**Area 7 - Beach Remnant**

*Acacia myrtifolia*  
*Acacia sophorae*  
*Acacia suaveolens*  
*Acacia ulicifolia*  
*Acmena smithii*  
*Allocasuarina distyla*  
*Banksia integrifolia*  
*Brachyloma daphnoides*  
*Carpobrotus glaucescens*  
*Commelinia cyanea*

*Dianella revoluta*  
*Dillwynia retorta*  
*Eragrostis brownii*  
*Gonocarpus teucrioides*  
*Hibbertia scandens*  
*Hypolaena fastigata*  
*Imperata cylindrica*  
*Isolepis nodosa*  
*Lambertia formosa*  
*Lepidosperma sp.*  
*Leptospermum laevigatum*  
*Leucopogon parviflorum*  
*Leucopogon ericoides*  
*Lomandra longifolia*  
*Monotoca scoparia*  
*Monotoca elliptica*  
*Pimelea linifolia*  
*Panax umbellata*  
*Spinifex sericeus*  
*Typha sp.*  
*Westringia fruticosa*  
*Woolsia pungens*  
*Xanthorrhoea resinosa*

*Isolepis cernua*  
*Isolepis nodosa*  
*Lobelia alata*  
*Lomandra longifolia*  
*Mimulus repens*  
*Monotoca elliptica*  
*Pultenaea linophylla*  
*Samolus repens*  
*Sarcocornia quinqueflora*  
*Selliera radicans*  
*Sporobolus virginicus*  
*Triglochin striata*  
*Westringia fruticosa*  
*Zoysia macrantha*

#### Area 8 - Beach Remnant

*Acacia sophorae*  
*Banksia integrifolia*  
*Baumea juncea*  
*Carex pumila*  
*Cyperus polystachyos*  
*Dianella congesta*  
*Epaltes australis*  
*Isolepis cernua*  
*Isolepis nodosa*  
*Juncus krausii*  
*Lachnagrostis filiformis*  
*Leucopogon parviflorus*  
*Lobelia alata*  
*Paspalum distichum*  
*Poa sp.*  
*Sporobolus virginicus*  
*Typha sp.*  
*Westringia fruticosa*

#### Area 9 - Jack Vanny Memorial Reserve

*Acacia sophorae*  
*Baeckea imbricata*  
*Carex pumila*  
*Carpobrotus glaucescens*  
*Cotula coronopifolia*  
*Cyperus polystachyos*  
*Dichelachne crinita*

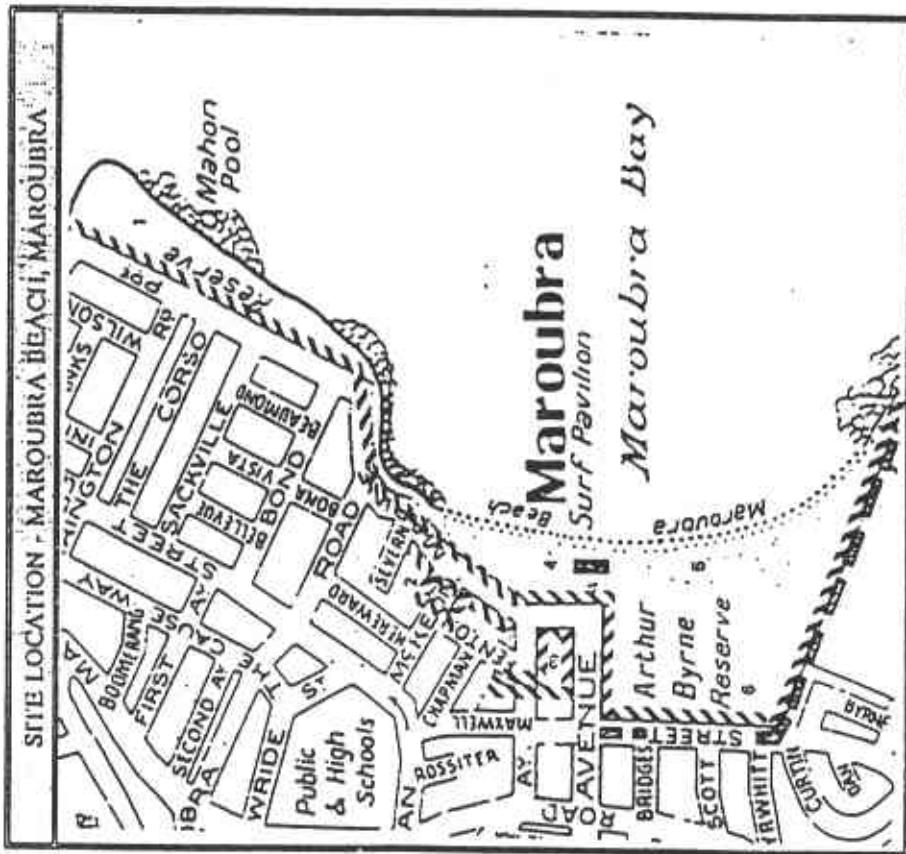
## **VOLUME 2**

(to be progressively prepared by  
Randwick Council)



*Do you want to have a say  
on how we should  
improve Maroubra Beach?*

*We think it's important  
that you do.*



Please send the completed questionnaire to the General Manager, Randwick City Council, 30 Frances Street, Randwick, NSW, 2031.

Remember it must be back to us by 7 October, 1994.





## An Invitation from the Mayor of Randwick, Chris Bastic

Randwick City Council is currently planning the future of one of our area's major assets - Maroubra Beach. Council has engaged consultants to prepare a Draft Plan of Management for Maroubra Beach. The objective of the Plan of Management is to set out strategies and guidelines for what works are necessary to improve Maroubra Beach and the surrounding area, what maintenance programs are needed and when and how all the work will be done.

But, before any plans are made, we want local residents to have a say about the future of Maroubra Beach. We want your views on how you think Maroubra Beach should be planned for the future. What improvements you think should be made? How you now use Maroubra Beach and how you'd like to use the beach? Does the landscaping need to be improved? Do we need more facilities for young people and other residents?

The Council's planning consultants need to know what you think before they can make their submission to Council.

In order to determine the views of local residents, a questionnaire has been prepared and we'd like you to complete it and send it back to us. We need the questionnaire returned by 7 October, 1994.

If you have any questions please don't hesitate to contact the Council's Recreational Assets Manager, Gary Eastman, on 399 0931.

We need the views of as many residents as possible to make sure we plan the best possible future for Maroubra Beach.

Thanks for taking part in this important program.

**Chris Bastic**  
**Mayor**

MAROUBRA BEACH  
QUESTIONNAIRE

**Please tick appropriate boxes and attach additional paper if space is inadequate**

- |  |  |  |  |   |  |  |
|--|--|--|--|---|--|--|
| <p><b>1. How often do you visit Maroubra Beach?</b></p> <p>Daily      Weekly      Monthly      Bimonthly      Annually      Less than Annually</p> <p><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/></p> | <p><b>2. Why do you use or visit Maroubra Beach?</b></p> <p>As an access route</p> <p>Walking      Relaxing      Swimming      Surfing      Sun baking      Running/jogging      Picnics      Fishing</p> <p><input type="checkbox"/> <input type="checkbox"/></p> | <p><b>3. What do you like about Maroubra Beach?</b></p> <p>Others (please state) .....</p> | <p><b>4. What do you dislike about Maroubra Beach?</b></p> <p><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/></p> | <p><b>5. How would you like to see Maroubra Beach improved?</b></p> <p>As an access route</p> <p>Walking      Relaxing      Swimming      Surfing      Sun baking      Running/jogging      Picnics      Fishing</p> <p><input type="checkbox"/> <input type="checkbox"/></p> | <p><b>6. Do you believe there is adequate pedestrian access to the beach?</b></p> <p>Yes      No</p> <p><input type="checkbox"/> <input type="checkbox"/></p> <p>Please explain</p> <p>.....</p> | <p><b>7. How could we provide better facilities for the youth of the area and what type of facilities would be appropriate?</b></p> <p>.....</p> |
|--|--|--|--|---|--|--|

8. Could the beach and streetscape be improved by additional landscaping?

Yes   
No

Please explain .....

11. Is parking a problem in summer?

Yes   
No

If so please offer possible improvements.

9. What sort of landscape or environmental character should we develop for Maroubra Beach? (ie. leave as is, tourist destination, grand promenade, retain semi-natural qualities, playing fields, passive recreation?)

12. Are there any problems with public health and safety (on beach, roads, reserve areas, stormwater pipes) and what could be done to resolve these?

10. Would Maroubra Beach benefit by different use of the buildings there now?

13. Age      5 - 10 years   
                10 - 15 years   
                15 - 20 years   
                20 - 30 years   
                30 - 60 years   
                60 +

Suggestions .....

14. Sex      Female   
                Male

Thank you for your contribution.

## **SUMMARY OF RESPONSES**

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### **SUMMARY OF RESPONSES**

The following is a brief summary of the results of a community survey conducted through letter box drops in October, 1994. Three thousand questionnaires were distributed to households between Marine Parade to the north and Anzac Parade in the south, the coastline and rifle range boundary in the east, and Inman Street, Torrington Street, Malabar Road, and parts of New Orleans Street in the west.

Four hundred and fifty nine completed questionnaires were returned to Council. The high response rate (15%) indicates a genuine interest and concern for the future planning and management of Maroubra Beach by local residents and users.

#### **Question 1**

*How often do you visit Maroubra Beach?*

Most people surveyed visited the beach daily (61.7%), weekly (31.0%) or monthly (3.8%).

#### **Question 2**

*Why do you use or visit Maroubra Beach?*

The most frequent reasons given for using or visiting the beach were, in order:

Walking, swimming, relaxing, surfing, sunbaking, running/jogging, picnics and access.

#### **Question 3**

*What do you like about Maroubra Beach?*

The most frequent reasons given for liking the beach were:

- its great open feeling;
- its naturalness;
- its feeling of being unspoilt by progress;
- the surf; and
- its uncrowded nature.

#### **Question 4**

*What do you dislike about Maroubra Beach?*

The major objections of respondents to aspects of the beach included:

- the state of the shops;
- its drab/neglected/run down feeling;
- the dirt and rubbish which infested the area;
- the lack of trees;
- the Maroubra Beach Hotel;
- the general surrounds to the beach; and
- the neighbouring apartments.

## **SUMMARY OF RESPONSES**

---

### **Question 5**

*How would you like to see Maroubra Beach improved?*

The most frequent responses to this question were:

- the improvement of the local shops;
- the planting of trees;
- keeping the area clean; and
- improvements to the promenade.

### **Question 6**

*Do you believe there is adequate access to the beach?*

The majority of respondents thought access was not good and 'No' responses included:

- that more ramps be built for disabled and pram access;
- more pedestrian crossings; and
- for traffic calming measures.
- 'No' with no comments;

### **Question 7**

*How could we provide better facilities for the youth of the area and what type of facilities would be appropriate?*

Responses included in order of preference:

- a children's playground;
- a skateboard park;
- picnic and barbecue facilities;
- a bicycle track; and
- handball/volleyball courts.

### **Question 8**

*Could the beach and streetscape be improved by additional landscaping?*

The most frequent responses were:

- plant trees;
- 'Yes', with no comments;
- new footpaths and walkways;
- more landscaping and beautification generally; and
- the popular request that Maroubra Beach be "like Coogee".

## SUMMARY OF RESPONSES

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### Question 9

*What sort of landscape or environmental character should we develop for Maroubra Beach? (ie. leave as is, tourist destination, grand promenade, retain semi-natural qualities, playing fields, passive recreation?).*

The most frequent responses were:

- retain semi-natural qualities;
- grand promenade or improvements to promenade;
- passive recreation;
- tourist destination; and
- playing fields.

### Question 10

*Would Maroubra Beach benefit by different use of the buildings there now?*

The responses to this question were to:

- improve the McKeon Street shops;
- improve the pub with the addition of a beer garden, eatery or cafe;
- allow no more beach buildings; and
- provide outdoor/roadside eateries or cafes.

### Question 11

*Is parking a problem in summer?*

The most frequent responses to this question was:

- yes, with no suggestions;
- yes, with build more car parks;
- remove parking fees for residents; and
- landscape parking areas to provide shade.

### Question 12

*Are there any problems with public health and safety (on beach, roads, reserve areas, stormwater pipes) and what could be done to resolve these?*

The top five responses to this question in order were:

- to tackle the problem of the main stormwater outlet;
- to keep the beach and rockpools clean of rubbish and dirt;
- needles on the beach from drug users;
- broken glass on the beach; and
- the suggestion that the beach have more policing.

## SUMMARY OF RESPONSES

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### Question 13

*What age group do you fall into?*

Most respondents were aged between 35-60, then 20-30 with the over sixties forming the third largest group, then 15-20, 10-15 and 5-10 year olds forming the smallest groups.

### Question 14

*What is your gender?*

- 66% of respondents were female.
- 34% of respondents were male.

## **APPENDIX 3**

**List of Government Authorities Consulted  
Letter to Government Authorities  
Responses**

## **LIST OF GOVERNMENT AUTHORITIES**

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- NSW Fisheries Department
- Public Works Department
- Department of Housing
- Department of Conservation and Land Management
- Water Board
- Department of Sport, Recreation and Racing
- State Transit Authority
- NSW Police Service
- Beachwatch
- Department of Bushfire Services
- NSW Tourism Commission
- Environment Protection Authority
- Department of Urban Affairs and Planning

## **SUMMARY OF REPLIES FROM SPECIALIST DEPARTMENTS**

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The following is a synopsis of the various replies both written and from telephone conversations received from specialist departments in respect of the draft plan of management.

### **NSW Fisheries Department**

The NSW Fisheries Department made a number of comments, these included:

- Taking measures to further improve water quality at Maroubra beach.
- Keeping access to angling and swimming open at the beach.
- Taking measures if possible to protect marine life on the beach.

### **Public Works Department**

The PWD pointed out that the plan of management should take into account two studies, namely:

- NSW Government Coastline Management Manual in respect of coastal hazards, and
- the Maroubra Beach Management Study 1978.

### **Department of Housing**

The Department of Housing had no comments in respect of the plan of management.

### **Department of Urban Affairs and Planning**

The Department of Urban Affairs and Planning pointed out that the plan of management should refer to Sydney Regional Environmental Plan No. 14 - Eastern Beaches.

### **Department of Conservation and Land Management**

CALM pointed out that the department only comments on plans once they have been forwarded to Council.

### **Water Board**

The Water Board's comments centered around the plan of management's need to address stormwater runoff.

The Water Board also expressed the wish that the plan of management explain how all the agencies involved in the study area co-ordinate work to achieve the plan's goals.

### **Department of Sport, Recreation and Racing**

The Department of Sport, Recreation and Racing made a number of points.

- Scavenging on the coastline needs to be controlled - this could be done by placing signs.

## **SUMMARY OF REPLIES FROM SPECIALIST DEPARTMENTS**

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- Stormwater outfalls into the bay need to be clean to protect the marine environment.
- Facilities on the beach at the pavillion, reserves and rockpools need to be upgraded. Various grants were cited for achieving this.

### **State Transit Authority**

The State Transit Authority requested that the plan of management locate bus stops as close as possible to facilities pointing out that the more convenient public transport was to use, the less need there would be for parking.

### **NSW Police Service**

Maroubra Beach Police made the following comments.

- Make the beach and reserves alcohol free.
- Consider angle parking at Marine Parade.
- Pedestrianise McKeon Street.
- Structures built under the plan of management must not encourage areas for drug taking, drinking or loitering.

### **Beachwatch**

Beachwatch commented that the beach is effected by stormwater flows. The beach was judged unsuitable for swimming on 63 days during the 1994 season. Baywatch concluded that any proposals to improve stormwater management would be likely to improve recreational amenity.

### **Department fo Bushfires**

The Department of Bushfires had no comments in respect of the plan of management.

### **NSW Tourism Commission**

The NSW Tourism Commission stated it had no comment in respect of the plan of management but point to the local council's tourism plan as offering possible avenues for tourism development.

### **Environment Protection Authority**

The EPA suggested that the plan of management include a stormwater management plan. They are concerned about the impact of stormwater pollution on marine water quality, and the aesthetics of stormwater ponding under low flow conditions at the southern end of the beach.

## **APPENDIX 4**

**Study Team**

## MAROUBRA BEACH CONSULTATIVE COMMITTEE

Mr Chris Basic	Mayor - Randwick City Council
Mr Charles Matthews	Councillor - Randwick City Council
Mrs Marie Kibble	Councillor - Randwick City Council
Mr Phillip Abadee	Councillor - Randwick City Council
Mr Richard Walsh	Councillor - Randwick City Council
Mrs Christine Turner	
Mr Graham Turner	
Mr David Edwards	
Mr Ronald Trouville	
Mr Gary Hamer	
Mr Tony Jackson	
Mrs Gloria Baker	
Mr Sunny Abberton	Maroubra Seals Club Ltd
Mr Gary Mauric	Maroubra Surf Life Saving Club
Mrs Jan Jeffrey	Maroubra Bay Primary School P & C
Mr Brian Purdon	South Maroubra Surf Life Saving Club
Mr Warren Bos	
Mrs Kerri Hamer	
Mr Bob Goodsell	
Mr Gary Eastman	Recreation Assets Manager, Randwick City Council

## **STUDY TEAM**

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The project co-ordinator was Gary Eastman of Randwick City Council. The study was directed and managed by Ross de la Motte, Principal Landscape Architect, HASSELL Pty Ltd with support from Bronwyn Pickering, David O'Brien, Deborah Eastment, Stephen Hammond, Stuart Drury and Elizabeth Read.

## **REFERENCES**

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