

## 5.0 MANAGEMENT OBJECTIVES AND POLICIES

### VISION STATEMENT

*The Moire Park Reserve Management Plan will provide for the enjoyment of sporting, recreational and environmental opportunities for the local and wider community in a manner which is in keeping with the existing character of the area and within the capabilities of its natural resources.*

<b>OBJECTIVE 1: To increase the use and enjoyment of the reserves</b>
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#### Policies & Implementation

##### 1.1 Provide a safe environment for park users

- Implement "Safer Design for the Green Network: Design Guidelines" to ensure that buildings, facilities and plantings are designed and maintained in a way that minimises safety concerns and maximises surveillance
- Assess lighting requirements and install around car parking areas and key entrance areas if required
- Provide a pedestrian access into Moire Park from Granville Drive which is separated from the vehicle accessway
- All play equipment shall be maintained in accordance with NZS 5828 and Council Safety Standards and all buildings and structures shall comply with the Building Code
- Assess and implement safety measures at stormwater ponds according to Pond Safety Guidelines
- Ensure walking tracks are well maintained
- Allow sun shelters to be constructed above all play areas
- Provision of shade by way of trees or other around sportsfields for spectators and participants in sporting events.

##### 1.2 Provide facilities which present a diverse range of experiences and challenges for the public, especially for youth, older people and women

- Provide signage identifying the facilities and track network at various locations in the reserves
- Give emphasis to the provision of basketball half courts, netball hoops and tennis walls
- Construct walkways which can also accommodate skating and biking
- Seal internal road and allow for skating and biking
- Ensure leases on Moire Park provide for community use and well-being with reviews to ensure maximum potential of the park is realised for the community
- Construct Stage 2 of West Harbour Esplanade playground development
- Monitor construction of playground at Manutewhau Reserve

## **OBJECTIVE 4: To sustainably manage the reserves as part of the wider landscape**

### **Policies & Implementation**

#### **4. 1 No additional buildings will be built on West Harbour Esplanade, Manutewhau Walk or Manutewhau Reserve**

#### **4. 2 Promote energy efficiency**

- Explore options for energy efficient lighting
- Provide automated timing devices for lighting associated with night-time use of community centres
- Explore options for use of solar power energy in buildings in association with the Community Buildings

#### **4. 3 Provide for the re-use and recycling of water on the reserves**

- Use of water saving devices in public toilets
- Investigate other options for conserving water used in association with the Community Buildings

#### **4. 4 Use of appropriate design guidelines and building materials**

- Utilise permeable and semi-permeable paving options wherever possible (ie. for pathways or car parking areas) so as to reduce the quantity of stormwater entering the stream and reduce flooding potential (plus improve quality of water entering streams)
- The Design of park furniture should be in accordance with Council's *Parks Design Guidelines*.
- Appropriate signage should be provided and, wherever possible, amalgamated onto one board, which conforms to Council standards.

#### **4. 5 Appropriate and integrated management of stormwater**

- Ensure management of the reserves is in conjunction with relevant stormwater catchment management
- Implement low impact filtering devices (eg. Soak holes, artificial wetlands, riparian planting and swales) where appropriate to minimise effects of stormwater discharging into streams
- Ensure safety guidelines are met around stormwater detention ponds
- Planted wetland vegetation should be sourced from local seed wherever possible and species should reflect natural wetland plant associations of the area.

#### **4. 6 Provide access to public transport routes**

- Promote pedestrian/bike linkages to other reserves within the local area and major transport routes
- Develop walkways which contribute to the Waitakere Integrated Transport Strategy and encourage day-time pedestrian access through and to the park

#### **4.7 Manage natural areas in the context of the Green Network**

- Continue to advocate restoration on adjacent properties through the Non-regulatory Incentive program which provides assistance to landowners who are actively restoring their properties (especially where major weed sources along riparian margins are not on Council-owned land)

### **OBJECTIVE 5: To increase the use, range and quality of sports facilities on Moire Park**

#### **Policies & Implementation**

##### **5.1 Increase the quality of sporting facilities**

- Maintain the use of Moire Park as an active sports park
- Upgrade the Athletic track on Moire Park
- Maintain key bush tracks
- Upgrade playground facilities and skate ramps
- Provide junior athletic facilities including long jump, sprint track, discus and shot put circles adjacent to existing long jump facility.
- Provide a cross country/steeplechase water jump at the northern end of the athletic track, appropriately integrated with the surrounding landscape.

##### **5.2 Increase the range of sporting facilities**

- Emphasis to be given to providing for a range of informal recreation on reserves
- Use of the fields at Moire Park for Kilikiti and Touch to be encouraged
- Encourage use of the reserves for a variety of casual and informal sports
- Emphasis to be given to the development of recreational opportunities for youth ie. provision for basketball half court and tennis wall
- Seal the internal road to allow for skating and biking use

##### **5.3 Increase the use of sporting facilities**

- Clubs are encouraged to enter into joint arrangements to enable the efficient use of facilities by a range of groups to include youth, older people, women and all cultures
- Allow some extension of Athletic clubhouse to incorporate equipment storage area
- Allow some extension of Rugby clubroom to provide accommodation for on site caretaker
- Provision is made for lighting of the athletic track and field. This facility would need to be funded independently by the clubs/groups wanting the lighting.

### **OBJECTIVE 6: To protect the heritage values within the reserves**

#### **Policies & Implementation**

##### **6.1 Planting should reflect and enhance local heritage themes**

- Plant specimen trees which are relevant to the local area

##### **6.2 Provide interpretative material about heritage features of the reserves**

- Appropriate design of signs and information panels
  - Provide information on the historical development of the parks and the naming of the reserves and local streams
  - Encourage the use of art and sculpture to promote heritage themes
- 6.3 Protect existing heritage trees**
- Identification of heritage eucalyptus trees within the park and provide for necessary arboricultural work to ensure their retention and continuing health.

**OBJECTIVE 7: To work in partnership with iwi on the management of sites of significance on the reserves**

**Policies & Implementation**

**7.1 Recognise and provide for the mauri of any site or place of significance associated with these reserves**

- Liase with iwi to identify sites and areas on the reserve that are of significance
- Liase with iwi over environmental and heritage protection and enhancement
- Restore the stability, structure, water quality and habitat value of the three streams which pass through these reserves

**7.2 Provide for traditional use of native flora**

- Planting programmes to include the use of plants identified as being valuable for medicinal, cultural, weaving and crafts purposes
- Any cultural harvesting of plants must be consistent with the draft Cultural Harvesting Protocols

**7.3 Involve iwi in the design and management of reserves**

- Consult with iwi in the design and management of the reserves
- Consult iwi over management of identified archaeological sites

**OBJECTIVE 8: To involve communities in the design and management of the reserves**

**Policies & Implementation**

**8.1 Involve local communities in design and management of reserves**

- Invite local schools and the community to participate in weeding/planting days, and the design and construction of any art works on the reserve
- Encourage community involvement in Green Network management
- Encourage public submissions on the Draft Reserve Management Plan for Moire Park, West Harbour Esplande, Manutewhau Walk and Manutewhau Reserve and ensure information needs are met
- Encourage surveillance of the reserves by the construction of semi-permeable fences on neighbouring properties
- Work with key stakeholders and leasees to enhance safe recreational opportunities on the park
- Encourage sense of ownership and responsibility for the parks by local residents

- Encourage frequent use of the park for formal and informal activities, such as Sport Waitakere events
- Encourage and support the establishment of a community group 'Friends of Moire Park'.

<b>OBJECTIVE 9: To improve the management and administration of the reserves</b>
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### **Policies & Implementation**

#### **9.1 Management and maintenance of reserves to be in accordance with Council Bylaws and agreed contractual standards and performance measures**

- Appropriate contract supervision for maintenance/construction contracts to ensure standards are maintained
- Enforce Council By-laws particularly restriction on horses and mountain bikes in bush areas and golf practice on sportsfields

#### **9.2 Ensure the reserves are managed in terms of their reserve classifications for the enjoyment and use of the local and regional community, now and in the future**

- Manage all reserves within one Management Plan, increase the connectivity between these reserve areas and the surrounding neighbourhood and maximise opportunities for restoration
- Manage Moire Park as a citywide park with a range of active sporting, casual recreation and environmental opportunities
- Manage Manutewhau Walk and West Harbour Esplanade as citywide parks with an environmental focus
- Manage Manutewhau Reserve as a neighbourhood park with a playground for young children
- Include local schools and key user groups in the management of the reserves to improve their sense of ownership of these areas
- Encourage sports clubs and lessees to combine or share facilities
- Classify the building footprints of the two community buildings on the reserves as Local Purpose (Community Building) under the Reserves Act
- Classify West Harbour Esplanade as Scenic Reserve under the Reserves Act
- Allow for an on-site caretaker within one of the existing community buildings on the park if instigated by the community groups utilising the park.

#### **9.3 Manage leases according to the Reserves Act, Community Assistance Policy and existing lease agreements**

- Ensure current leases are in place for all existing users
- Monitor lease conditions
- New lease applications shall meet the criteria as set out in the Community Assistance Policy and provide for community use and wellbeing
- Encourage the multiple use of community facilities in accordance with the Community Assistance Policy
- Classify the area of land on which the Moire Park Hall and crèche and the West Harbour Barnado building are situated as Local Purpose (Community Building) not recreation reserve

#### **9.4 Ensure that leases, particularly those for commercial operations, be provided only where they add value to the reserves**

- Allow for commercial ventures in conjunction with reserves or activities on reserves, where such ventures will not compromise community access to reserves or have any deleterious environmental effects eg. use of field by carpark for sale of products related to Green Network or Wellbeing Goals (nursery plants, recycled products, sunscreen, coffee, icecream)
- 9.5 Ensure that the Council owned buildings are managed according to the outcome of the Community Facilities Review**
- Incorporate recommendations of the Community Facilities Review into the final management plan
  - Support extension of crèche lease to allow for outdoor play facilities and veranda
- 9.6 Liase with Ministry of Education over undeveloped land neighbouring Moire Park**
- Investigate possibilities associated with the undeveloped Ministry of Education land neighbouring Moire Park
  - Advocate acquiring or using land adjoining Moire Park if it becomes available
  - Ensure development on Moire Park allows for any future integration with adjoining land

## **6.0 DEVELOPMENT PLAN**

- 1. Manutewhau Walk – Mobile library (Plan insert)**
  - Provide seating for mobile library
  - Provide signage for reserve entry to Manutewhau walk
- 2. Link to subdivision**
  - No existing link between Manutewhau Walk and new subdivision
  - Explore potential pedestrian bridge to adjacent subdivision
  - Integrate signage for bridge connection with bush entrance signage
- 3. Manutewhau Reserve**
  - Improve road frontage and street appearance, considerations include specimen tree planting, post and rail fence similar to West Harbour Esplanade Reserve
  - Upgrade signage to be more visible and informative of overall path and reserve links
  - Key entrance theme planting eg groups of cabbage trees, liquidambers, kauri trees
  - Create waiting area opposite school eg seating, tables, shade etc
  - Denote path route with planting at entrance
- 4. Manutewhau Walk**
  - Create planted buffer between edge of bush and grassed bank to help soften bush edge and reduce potential weed invasion eg cabbage trees and flax
  - Soften residential boundary by introducing medium and small scale deciduous trees along the grassed bank
  - Investigate the potential of introducing long term canopy species into the bush area
  - Plant slopes between residential boundary and bush which exceed mowable grass grade
  - Carry out weed removal as necessary
- 5. Moire Road – entry to Manutewhau walk**
  - Reduce effect of hard edge between open lawn areas and dense bush
  - At present there is no indication of location and direction of path into the bush, the entry point is unclear. Entrance needs clear signage and mapping information
  - Plant grassed bank with specimen theme trees eg liquidamber
  - Provide a strong link with the opposite Moire Park entrance
  - Strengthen presence of walk / reserve from road such as bollard and chain fence to match reserve opposite
  - Upgrade gravel pathway to define the entrance into the bush. Widen the bush entry and formalise with signage
  - Repeat planting theme from the reserve entrance opposite
- 6. Community Hall / Creche**
  - Entrance is confusing at present and has little appeal from the road
  - Consider upgrading the existing gravel carpark – upgrade and formalise
  - Consider an upgrade of the current building facilities eg repaint verandah extension and address exterior condition
  - Include specimen tree planting on grassed areas to reflect bank on opposite side of the road

#### **7. Moire Park**

- There are two pathway systems from this entrance which are not well defined, signage is minimal and / or hidden behind planting
- Path system to be formalised and strengthened with interpretive map information for each entrance. Eg path one inland track path two stream side track
- The current planting provides a good buffer to the lawn area and should set the theme for other entrances. Groups of cabbage trees and tree ferns are key species.
- Build on 'Trees for Babies' planting at entry.

#### **8. Concrete Structure**

- An existing concrete structure across the stream appears to be a popular play area for children due to ease of access
- One seat is provided – not well integrated with the existing path
- Provide more seating, signage and long term native species planting
- Integrate signage adjacent to path junction
- Identify dominant path, perhaps theme planting to designate path eg flax
- Upgrade and repair concrete structure associated with sewer
- Assess suitability for track link to West Harbour Drive

#### **9. Barnados**

- This is not identified as public land, has a private appearance
- A steep bank from the rear of the property heads down toward the stream
- No existing path into walk
- Potential to develop boundary planting with theme species
- Assess and monitor condition of pine trees

#### **10. Cascades - picnic area**

- Define track and area of bush, clearing for picnic facilities – weed removal is required
- Plant key specimen trees for shade and to denote picnic area
- Plant for bank stabilisation (current erosion occurring), and define access to the waterhole
- Buffer planting required to reduce weed invasion along bush fringe
- Remove all existing vandalised facilities, replace with upgraded picnic facilities if vandalism decreases.

#### **11. Stream Crossing**

- Existing stream junction – small bridge provides crossing
- Encourage fish access through culver

#### **12. Athletic Field**

- A defined and strengthened link between rugby club and athletic club sportfields is required, build on the existing bridge and pathway connections
- This is the location for Kilikiti and other Pacific festivals. Provide seating, shade, path access, litter bins etc
- The existing bridge is in good condition, there is the potential to repeat this at the second stream crossing
- Additional junior athletics facilities provided adjacent to existing long jump.
- Cross country water jump provided to north of track.

**13. Link to Athletic Club**

- The existing gravel path is poorly defined, access to the athletic club requires upgrade and improvement
- Allow for building expansion incorporating equipment storage area.

**14. Amphitheatre**

- The existing sloping bank has potential to be developed as an informal amphitheatre for viewing of sporting events and festivals
- Proposed boundary treatment includes planting of shade trees such as liquidamber
- Large scale specimen tree planting is proposed to eventually replace existing tall pines

**15. Athletic Club Carpark**

- Current carpark requires upgrade
- Entrance requires better definition from the road including signage
- Improve and enhance street frontage with bollard and chain fence, street tree planting and signage
- Explore potential to extend carpark and link with existing rugby carpark.
- Incorporate long term planting along road frontage with earth bund to address noise in association with carpark development.
- Carpark provided along Granville Drive berm.

**16. Path Linkage – Rugby Club**

- Improve linkages between active recreation facilities
- Redefine reserve path and separate from the clubrooms

**17. Bush track junction**

- Potential opportunity for signage where paths converge or divide.
- Identify and define dominant path route
- Remove weeds along the edges of the tracks, and create planted buffer between track and bush edge where weed invasion is a problem e.g. flax
- Plant key tree species to serve as visual cues denoting track junctions.

**18. Moire Park - entry to bush**

- Extensive stands of mature maunuka and large pine trees close to the bush edge.
- Kauri trees have been recently planted at the entrance to the bush track. Provides a key planting theme which can be replicated at other entrances.
- There is currently no signage indicating the entrance or linkage to the overall path system. Clear signage and relevant information is required.
- The existing grove of liquidambers and informal driveway access provides a good opportunity for a picnic area. Potential for good facilities e.g. tables, seating etc.
- informal/ overflow carparking area should be expanded and formalised.

- 19. Liquidamber grove**
- Grove of existing liquidamber specimen trees provides a key planting theme for other areas around the perimeter of the park.
  - Reduces the affect of the abrupt edge to the bush and introduces an effective vegetation buffer between bush and active recreation areas.
- 20. Bush entrance**
- Existing liquidamber specimens frame the track entrance
  - Weed removal and low buffer planting are required around the bush fringe in this area. Acacia trees to be removed.
- 21. Training field - entry to bush reserve**
- Training field is currently defined by vegetation
  - Track entry into the bush is wide but not well defined. Opportunity for key specimen tree planting to denote entry to a main path linkage.
  - Existing picnic table close to entrance. Opportunity for upgrading seating and picnic facilities and providing quality signage.
  - Provide a walking track around the perimeter of the playing field linking track entrances and recreation areas.
- 22. Vehicular access to playing fields**
- Existing historic specimen oak trees flanking one side of the driveway provide a key planting theme. Reinforce the entrance by extending the avenue of oaks out to the adjoining road.
  - Remove weeds and large pines at entrance
  - Provide key entry features e.g. upgrade gravel bridge and post and rail fence, provide signage.
  - Plant bank along driveway under the oaks to reduce erosion
  - Tidy up gravel road intersection. Address the option to asphalt the internal road.
  - Develop seating opportunities along track
- 23. Toilets**
- The existing toilets are proposed for upgrade
  - Seal internal road incorporating swales to reduce dust nuisance and to facilitate recreational skating use
  - Redevelop area around toilets to include formal carparking area and seating, soften are with planting
  - Provide a link between the toilets and existing playground area
  - Allow room for additional toilet facility as becomes necessary
- 24. Playground Area**
- Recent installation of large playground is in an elevated position, incorporating a picnic area
  - Additional seating (four seats is planned)
  - Integrate and include play facilities within a defined area, consider events for a mix of ages. Potential expansion to include playground, swings, ½ basketball court with tennis wall, path linkages, park furniture, tree planting and earth mounding
  - Link play facilities to toilets and other path connections whilst retaining high visibility
  - Remove existing poor quality trees – eg bottle brush
  - Allow for sun shelter over playground

**25. Main Moire Park Entrance**

- The existing entrance is poorly defined with inconsistent elements along the street frontage
- Existing planting includes acmena hedging, phoenix palms and groups of cabbage trees
- The existing signage is small and obscured, located back from the road
- Remove dense shrubs that obscure views into the park whilst maintaining noise and light buffer to adjacent residential area.
- Replace existing Acmena hedge with long term species
- Upgrade signage and develop to have a strong roadside presence
- Plant specimen theme trees such as liquidamber
- Provide separated and obvious pedestrian entrance

**26. Rugby Club Carpark**

- Rework layout of carpark to include tree and feature planting
- Continue driveway avenue planting
- Improve access to rugby clubrooms, remove and redefine cluttered raised planters
- Upgrade lighting

**27. Steps to Rugby Club**

- Upgrade steps and improve path linkages
- Improve legibility and coherence of path system, particularly in front of the clubrooms

**28. Royal Road Entrance**

- First section of road is sealed then the internal road reverts to gravel
- Investigate the potential of sealing the internal road with slow way treatment
- Replace existing post and rail fence with bollard and chain
- Upgrade the existing signage that is currently hidden behind planting
- Create a pedestrian entrance from the road, look at integrating with signage
- Improve boundary buffer, provide planting adjacent residential boundaries

**29. Developed lease property**

- Possible location for additional parking in leased property
- Develop leased area to include play and picnic facilities.
- Develop theme garden e.g. blind / rose / herb gardens
- Plant groves of medium scale shade trees associated with parking and picnic areas
- Provide path linkages to recreational areas

**30. Allington Road Entrance**

- Existing there is no street frontage or indication of reserve entrance, the existing path into the reserve is hidden within the dense bush foliage
- Create a strong presence from the road
- Provide signage at the road edge, include bollard and chain fence and specimen tree planting
- The existing path is narrow and overgrown. Redefine path and entrance, widen out and remove vegetation where overgrowing footpath.
- Provide path link to street front

- Provide buffer planting to adjacent residential boundary
- 31. Bridge Entry**
- Upgrade existing bridge and steps to reserve entrance
- 32. Bridge**
- The existing bridge across the stormwater pipe requires upgrade, remove vegetation that blocks current sightlines
  - Access is currently informal and in places awkward, along the grassed esplanade area adjacent residential boundary
  - Formalise pathways and signage to improve access and safety
  - Remove weeds
- 33. Track Junction**
- This is the location of the only orientation signage within the reserve
  - Signage requires upgrade to vandal proof signage e.g. single post
  - Key theme planting proposed at junction
- 34. Walkway**
- Informal grassed walkway leads to the existing bridge
  - At present there is no signage or indication of where this pathway leads
  - Buffer planting is proposed along the existing residential boundary edges
  - Key tree species are proposed on either side of the entry combined with signage
- 35. Lawsons Creek Bridge**
- Maximise views to and from bridge, prevent obscuring from planting
  - Carry out weed removal as required
  - Plant buffer zone of planting between grassed esplanade and native planting
  - Provide all- weather access to bridge
  - Investigate future pedestrian linkage to Realm Esplanade.
- 36. West Harbour Road Walkway**
- The existing path is steep and in disrepair
  - The approach to the bridge is awkward and the path turns at a sharp angle
  - Remove planting that obscures views, address long grass and weeds, plant where slopes are too steep to mow
  - There is no signage at the road front – provide interpretive signage
  - Provide post and rail fence to match other nearby reserve frontages
  - Key specimen trees are proposed to indicate the entrance
  - Weeds removal and buffer planting is proposed along residential fenced boundaries
  - Maximise views
  - Address access path, perhaps include series of steps
  - Address stormwater pipe leak and potential resulting erosion problems

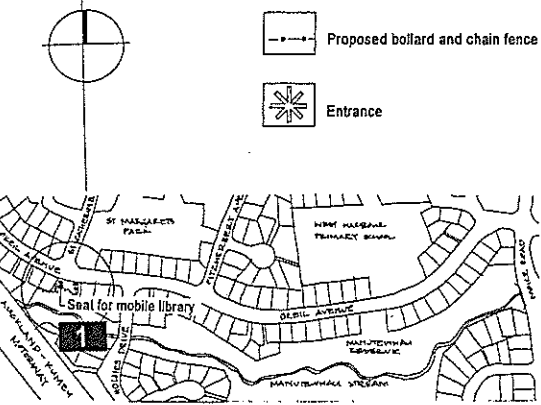
**37. West Harbour Road Playground**

- This area has recently been developed to include playground, paths, seating, post and rail fence, bins and planting
- Mature manuka provide a backdrop to the existing mounding
- Due to site steepness there is no formal access down into the bush
- Open up views by removing acacias and other weeds
- Construct proposed stage 2 of playground development

**KEY**

- Existing concrete path
- Existing bush track
- Proposed path link
- Existing bollard and chain fence
- Proposed bollard and chain fence
- Entrance

- Signage
- Pine tree removal
- Weed removal
- Car Park (Existing)
- Car Park (Potential)
- Rubbish removal



**1. Manutewhau Walk – Mobile library (Plan insert)**

- Provide seating for mobile library
- Provide signage for reserve entry to Manutewhau walk

**2. Link to subdivision**

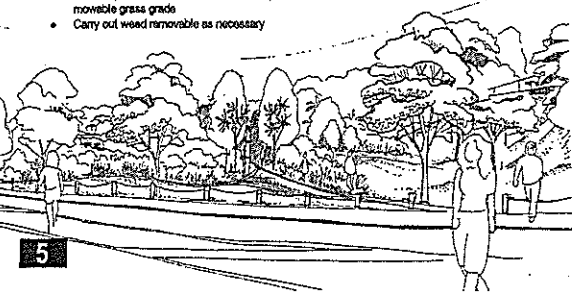
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**3. Manutewhau Reserve**

- Improve road frontage and street appearance, considerations include specimen tree planting, post and rail fences similar to West Harbour Esplanade Reserve
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**5. Moire Road – entry to Manutewhau walk**

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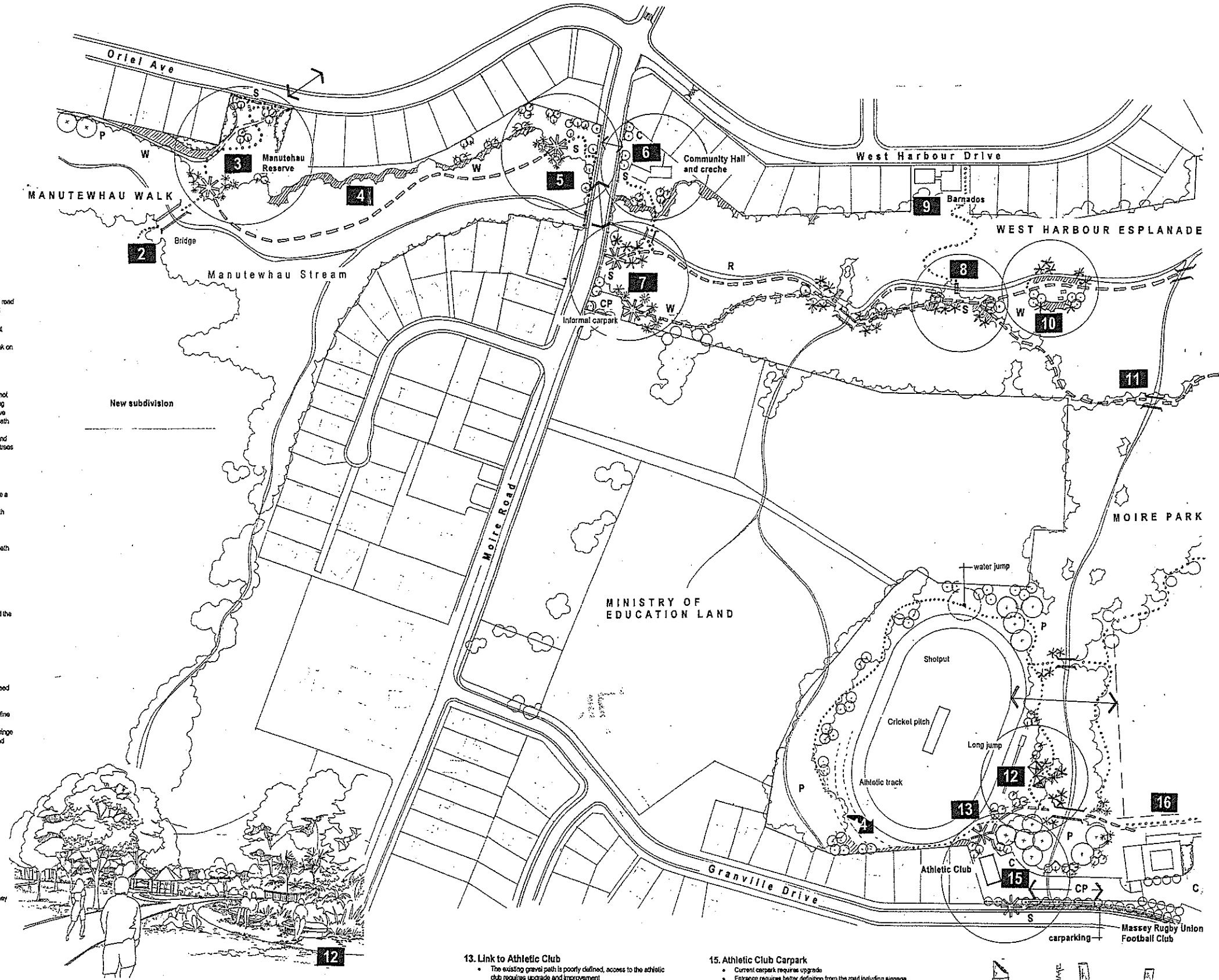
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**11. Stream Crossing**

- Existing stream junction – small bridge provides crossing
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**12. Athletic Field**

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- This is the location for Gikiri and other Pacific festivals. Provide seating, shade, path access, litter bins etc
- The existing bridge is in good condition, there is the potential to reuse this at the second stream crossing
- Additional junior athletics facilities provided adjacent to existing long jump
- Cross country water jump provided to north of track



**13. Link to Athletic Club**

- The existing gravel path is poorly defined, access to the athletic club requires upgrade and improvement
- Allow for building expansion incorporating equipment storage area.

**14. Amphitheatre**

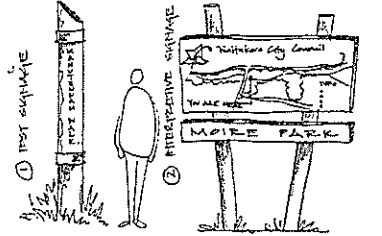
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- Explore potential to extend carpark and link with existing rugby carpark.
- Incorporate long term planting along road frontage with earth bund to address noise in association with carpark development.
- Carparking provided along Granville Drive berm

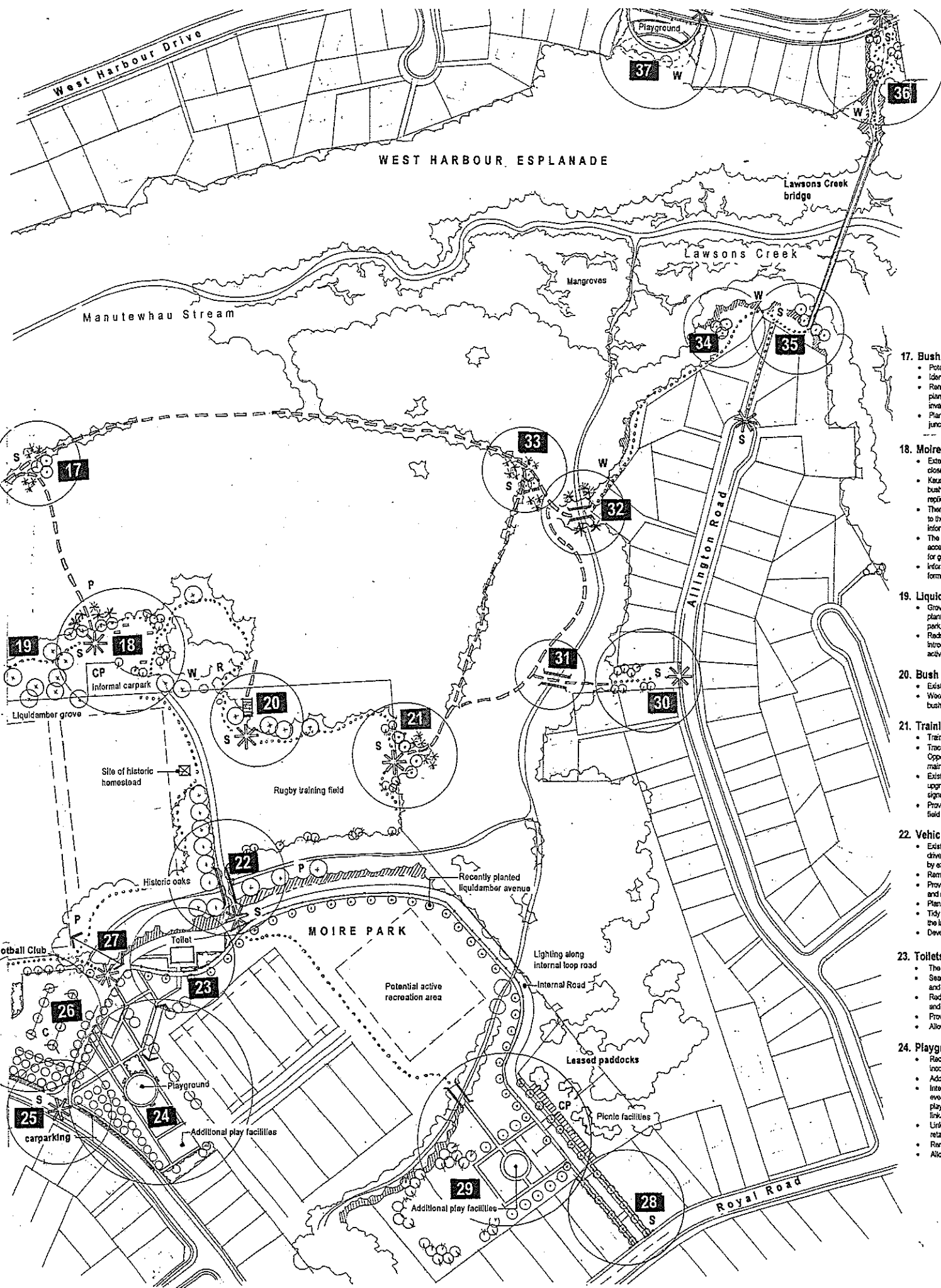
**16. Path Linkage – Rugby Club**

- Improve linkages between active recreation facilities
- Redefine reserve path and separate from the clubrooms



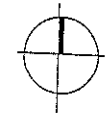
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**LANDSCAPE DEVELOPMENT CONCEPT PLAN**  
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**Moire Park**  
including Manutewhau Walk, Manutewhau Reserve and West Harbour Esplanade  
**LANDSCAPE DEVELOPMENT CONCEPT PLAN**  
FOR WAITAKERE CITY COUNCIL  
JANUARY 2000

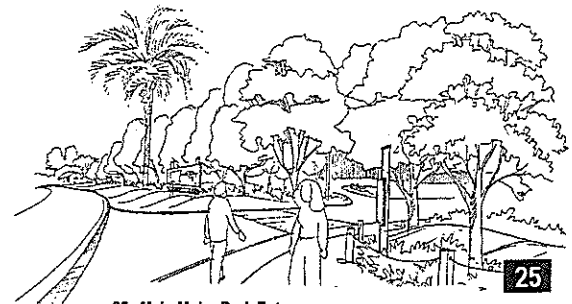


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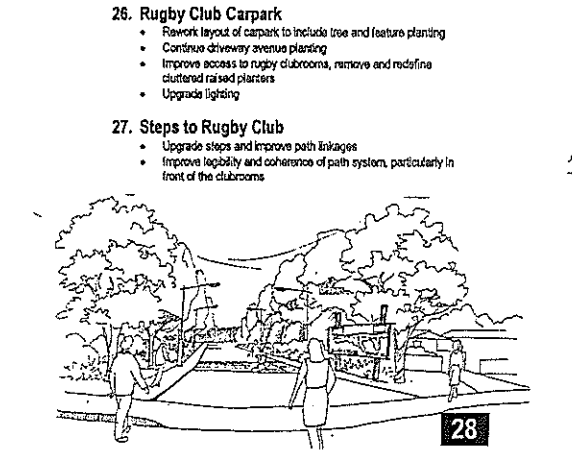
	Existing concrete path		Signage
	Existing bush track		Pine tree removal
	Proposed path link		Weed removal
	Existing bollard and chain fence		Car Park (Existing)
	Proposed bollard and chain fence		Car Park (Potential)
	Entrance		Rubbish removal



- 17. Bush track junction**
  - Potential opportunity for signage where paths converge or divide.
  - Identify and define dominant path route
  - Remove weeds along the edges of the tracks, and create planted buffer between track, and bush edge where weed invasion is a problem e.g. flax
  - Plant key tree species to serve as visual cues denoting track junctions.
- 18. Moire Park - entry to bush**
  - Extensive stands of mature manuka and large pine trees close to the bush edge.
  - Most trees have been recently planted at the entrance to the bush track. Provide a key planting theme which can be replicated at other entrances.
  - There is currently no signage indicating the entrance or linkage to the overall path system. Clear signage and relevant information is required.
  - The existing grove of liquidambers and informal driveway access provides a good opportunity for a picnic area. Potential for good facilities e.g. tables, seating etc.
  - Informal overflow carparking area should be expanded and formalised.
- 19. Liquidamber grove**
  - Grove of existing liquidamber specimen trees provides a key planting theme for other areas around the perimeter of the park.
  - Reduces the effect of the abrupt edge to the bush and introduces an effective vegetation buffer between bush and active recreation areas.
- 20. Bush entrance**
  - Existing liquidamber specimens frame the track entrance
  - Weed removal and low buffer planting are required around the bush fringe in this area. Acacia trees to be removed.
- 21. Training field - entry to bush reserve**
  - Training field is currently defined by vegetation
  - Track entry into the bush is wide but not well defined. Opportunity for key specimen tree planting to denote entry to a main path linkage.
  - Existing picnic table close to entrance. Opportunity for upgrading seating and picnic facilities and providing quality signage.
  - Provide a walking track around the perimeter of the playing field linking track entrances and recreation areas.
- 22. Vehicular access to playing fields**
  - Existing historic specimen oak trees flanking one side of the driveway provide a key planting theme. Reinforce the entrance by extending the avenue of oaks out to the adjoining road.
  - Remove weeds and large pines at entrance
  - Provide key entry features e.g. upgrade gravel bridge and post and rail fence, provide signage.
  - Plant bank along driveway under the oaks to reduce erosion
  - Tidy up gravel road intersection. Address the option to asphalt the internal road.
  - Develop seating opportunities along track
- 23. Toilets**
  - The existing toilets are proposed for upgrade
  - Seal internal road incorporating swales to reduce dust nuisance and to facilitate recreational skating use
  - Redevelop area around toilets to include formal carparking area and seating, soften area with planting
  - Provide a link between the toilets and existing playground area
  - Allow room for additional toilet facility as becomes necessary
- 24. Playground Area**
  - Present installation of large playground is in an elevated position, incorporating a picnic area
  - Additional seating (four seats is planned)
  - Integrate and include play facilities within a defined area, consider events for a mix of ages. Potential expansion to include playground, swings, 1/2 basketball court with tennis wall, path linkages, park furniture, tree planting and earth mounding
  - Link play facilities to toilets and other path connections whilst retaining high visibility
  - Remove existing poor quality trees - eg bottle brush
  - Allow for sun shelter over playground



- 25. Main Moire Park Entrance**
  - The existing entrance is poorly defined with inconsistent elements along the street frontage
  - Existing planting includes acmena hedging, phoenix palms and groups of cabbage trees
  - The existing signage is small and obscured, located back from the road
  - Remove dense shrubs that obscure views into the park whilst maintaining noise and light buffer to adjacent residential area.
  - Replace existing Acmena hedges with long term species
  - Upgrade signage and develop to have a strong roadside presence
  - Plant specimen trees such as liquidamber
  - Provide separated and obvious pedestrian entrance

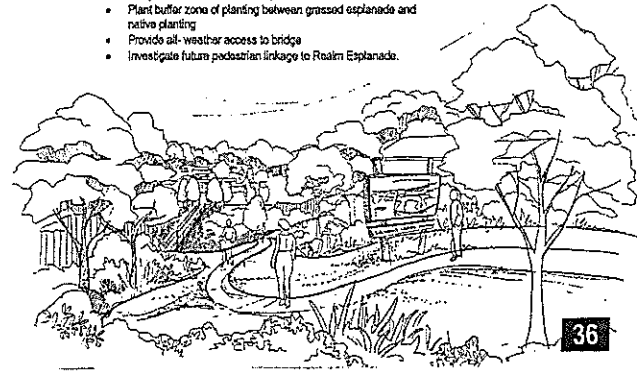


- 26. Rugby Club Carpark**
  - Rework layout of carpark to include tree and feature planting
  - Continue driveway avenue planting
  - Improve access to rugby clubrooms, remove and redefine cluttered raised planters
  - Upgrade lighting
- 27. Steps to Rugby Club**
  - Upgrade steps and improve path linkages
  - Improve legibility and coherence of path system, particularly in front of the clubrooms



- 28. Royal Road Entrance**
  - First section of road is sealed then the internal road reverts to gravel
  - Investigate the potential of sealing the internal road with slow way treatment
  - Replace existing post and rail fence with bollard and chain
  - Upgrade the existing signage that is currently hidden behind planting
  - Create a pedestrian entrance from the road, look at integrating with signage
  - Improve boundary buffer, provide planting adjacent residential boundaries
- 29. Developed lease property**
  - Possible location for additional parking in leased property
  - Develop leased area to include play and picnic facilities.
  - Develop theme gardens e.g. blind / rose / herb gardens
  - Plant groves of medium scale shade trees associated with parking and picnic areas
  - Provide path linkages to recreational areas

- 30. Allington Road Entrance**
  - Existing there is no street frontage or indication of reserve entrance, the existing path into the reserve is hidden within the dense bush foliage
  - Create a strong presence from the road
  - Provide signage at the road edge, include bollard and chain fence and specimen tree planting
  - The existing path is narrow and overgrown. Redefine path and entrance, widen out and remove vegetation where overgrowing footpaths.
  - Provide path link to street front
  - Provide buffer planting to adjacent residential boundary
- 31. Bridge Entry**
  - Upgrade existing bridge and steps to reserve entrance
- 32. Bridge**
  - The existing bridge across the stormwater pipe requires upgrade, remove vegetation that blocks current sightlines
  - Access is currently informal and in places awkward, along the grassed esplanade area adjacent residential boundary
  - Formalise pathways and signage to improve access and safety
  - Remove weeds
- 33. Track Junction**
  - This is the location of the only orientation signage within the reserve
  - Signage requires upgrade to vandal proof signage e.g. single post
  - Key theme planting proposed at junction
- 34. Walkway**
  - Informal grassed walkway leads to the existing bridge
  - At present there is no signage or indication of where this pathway leads
  - Buffer planting is proposed along the existing residential boundary edge
  - Key tree species are proposed on either side of the entry combined with signage
- 35. Lawsons Creek Bridge**
  - Maximise views to and from bridge, prevent obscuring from planting
  - Carry out weed removal as required
  - Plant buffer zone of planting between grassed esplanade and native planting
  - Provide all-weather access to bridge
  - Investigate future pedestrian linkage to Realm Esplanade.
- 36. West Harbour Road Walkway**
  - The existing path is steep and in disrepair
  - The approach to the bridge is awkward and the path turns at a sharp angle
  - Remove planting that obscures views, address long grass and weeds, plant where slopes are too steep to mow
  - There is no signage at the road front - provide introductive signage
  - Provide post and rail fence to match other nearby reserve frontages
  - Key specimen trees are proposed to indicate the entrance
  - Weeds removal and buffer planting is proposed along residential fenced boundaries
  - Maximise views
  - Address access path, perhaps include series of steps
  - Address stormwater pipe leak and potential resulting erosion problems
- 37. West Harbour Road Playground**
  - This area has recently been developed to include playground, picnic, seating, post and rail fence, bins and planting
  - Mature manuka provide a backdrop to the existing mounding
  - Due to site steepness there is no formal access down into the bush
  - Open up views by removing acacias and other weeds
  - Construct proposed Stage 2 of playground development.



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Sheet title  
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**LANDSCAPE DEVELOPMENT CONCEPT PLAN**  
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