

Wollondilly

SPORTSGROUNDS & RESERVES

Tahmoor Sportsground □ Wollondilly Pony Club/ Riding for the Disabled □ Thirlmere Sportsground
Bargo Sportsground □ Victoria Park □ Hume Oval □ Wonga Road Reserve

7005/92838
NEW Plan Adopted
19 December 2006.

Plan of Management



PLAN OF MANAGEMENT
ADOPTED: 9 April 2001

Issued by: Noel Rüting

This Plan of Management
was prepared by



LandArc

Landscape, Environmental and Heritage Consultants

Suite 9, 55 Avalon Parade, Avalon NSW 2107
tel: 9973 1330 fax: 9973 1791 email: mail@landarc.com.au

Table of Contents

	Page
Executive Summary	ES 1-6
1.0 Introduction	1
1.1 Overview	1
1.2 Study Area	3
1.3 What are the aims of this Plan?	3
1.4 List of Abbreviations used in this Plan	4
2.0 Land Description & Planning	11
2.1 What is Council's role in managing these reserves?	11
2.2 A Plan which satisfies the requirements of the relevant Acts	12
2.3 What are the principles of Crown Reserve Management?	13
2.4 What is "Public Purpose"?	14
2.5 What are the principles of Community Land Management?	16
2.6 What are Community Land Categories?	16
2.7 How are these "Categories" defined?	21
2.8 How does this Plan relate to other Strategic Documents?	22
2.9 Strategic Documents used in the preparation of this Plan	22
2.10 Other Relevant Legislation and Policies	23
2.11 Native Title Act	23
3.0 Community Issues	
3.1 Community Consultation	24
3.2 Tahmoor Sportsground	25
3.3 Wollondilly Pony Club/ Riding for the Disabled Association	26
3.4 Thirlmere Sportsground	26
3.5 Bargo Sportsground	27
3.6 Victoria Park	28
3.7 Hume Oval	29
3.8 Wonga Road Reserve (Old Picton Tip Site)	30

	Page
4.0 Basis for Management	
4.1 Objectives	31
4.2 Regional Context	31
4.3 Community Values	34
4.4 Determining Key Values & Levels of Significance	37
4.5 Natural/ Cultural Setting	37
4.6 Environmental Values	38
4.7 Heritage Values	42
4.8 Recreational Values	43
4.9 Vision Statement for Wollondilly Sportsgrounds and Reserves	47
5.0 Management Strategies	
5.1 Objectives	48
5.2 Desired Outcomes	48
5.3 Leases, Licences and Other Estates	49
5.4 Core Objectives	49
5.5 Development on Community Land	51
5.6 Leases, licences or other estates in respect of a natural area	52
5.7 Action Plans & Capital Works Programmes	53
5.8 Masterplans	53

Appendices:

Appendix I:	Community Issues Discussion Paper
Appendix II:	Public Meeting Issues
Appendix III:	Exploring Issues Papers
Appendix IV:	Youth Survey Results
Appendix V:	Land Tenure
Appendix VI:	Final Determinations - TSC Act (1995)

Bibliography

List of Figures

Landscape Masterplans:	ES 1-8
1. Location Plan	2
2. Existing Condition - Tahmoor Sportsground, Wollondilly Pony Club & Riding for the Disabled Assoc.	5
3. Existing Condition - Thirlmere Sportsground	6
4. Existing Condition - Bargo Sportsground	7

	Page
5. Existing Condition - Victoria Park	8
6. Existing Condition - Hume Oval	9
7. Existing Condition - Wonga Road Reserve	10
8. Community Land Categories - Tahmoor Sportsground	17
9. Community Land Categories - Bargo Sportsground	18
10. Community Land Categories - Hume Oval	19
11. Community Land Categories - Wonga Road Reserve	20

Appendices:

- A5 - 1. Land Tenure - Tahmoor Sportsground, Wollondilly Pony Club & Riding for the Disabled Assoc.
- A5 - 2. Land Tenure - Thirlmere Sportsground
- A5 - 3. Land Tenure - Bargo Sportsground
- A5 - 4. Land Tenure - Victoria Park
- A5 - 5. Land Tenure - Hume Oval
- A5 - 6. Land Tenure - Wonga Road Reserve

List of Tables

1. Land Description	15
2. Local Sub-Catchments	33
3. Values & Level of Significance	36
4. Schedule of Significant Trees	43
5. Existing Recreational Facilities, Settings & Activities	44

Management Strategies: 54

- Tahmoor Sportsground (sheets 1-7)
- Wollondilly Pony Club/ Riding for the Disabled Association (sheets 1-4)
- Thirlmere Sportsground (sheets 1-4)
- Bargo Sportsground (sheets 1-7)
- Victoria Park (sheets 1-5)
- Hume Oval (sheets 1-5)
- Wonga Road Reserve (sheets 1-5)

Works Schedules:

- Tahmoor Sportsground
- Wollondilly Pony Club/ Riding for the Disabled Association
- Thirlmere Sportsground
- Bargo Sportsground
- Victoria Park
- Hume Oval
- Wonga Road Reserve

Executive Summary

Overview

Wollondilly Shire Council's sportsgrounds and reserves are highly valued community assets. As Wollondilly's population continues to grow these community values are coming under increasing pressure from a range of recreational needs and demands from various user groups. In particular, sportsgrounds are generating a broad range of community issues relating to appropriateness of current and future uses, intensity and scale of use, public access and equity, maintenance and development of facilities and environmental sustainability. The proposal by Tahmoor-Thirlmere Ex Services Sports and Community Club to develop a recreational and social club facility at Tahmoor Sportsground provided the impetus to address these issues at not only this sportsground but a number of other reserves as well.

The sportsgrounds and reserves covered in this Plan are located within the Picton-Thirlmere-Tahmoor-Bargo areas. They include Crown reserves, community land and a combination of these as follows:

1. Tahmoor Sportsground
Crown reserve/ Community land
2. Wollondilly Pony Club & Riding for the Disabled
Crown reserves
3. Thirlmere Sportsground
Crown reserve
4. Bargo Sportsground
Crown reserve/ Community land
5. Victoria Park
Crown reserve
6. Hume Oval
Community Land
7. Wonga Road Reserve (Old Picton Tip Site)
Community Land

Victoria Park, Hume Oval, Thirlmere Sportsground and Bargo Sportsground all share many common and inter-related values and issues. Wollondilly Pony Club and Riding for the Disabled are part of the broader Crown reserve system adjacent to Tahmoor Sportsground. In addition, the Old Picton Tip Site (Wonga Road Reserve) was included on the basis of its future recreational open space opportunities.

This Plan of Management aims to provide a clear, concise and practical framework for the management of these sportsgrounds and reserves. It aims to be performance oriented in order to contribute towards Council achieving its strategic goals, vision, mission and strategic outcomes. This Plan also aims to satisfy the requirements of the Local Government Act 1993, Local Government Amendment (Community Land Management) Act 1998, the Crown Lands Act 1989, case law and other relevant legislative requirements.

This Plan takes a values-based approach to land planning and management, identifying key values, role and purpose so that these assets may be protected and enhanced. Issues will come and go but the values which define these sportsgrounds and reserves are potentially far longer lasting. However, these values can be easily diminished, damaged or even extinguished. It is therefore important to put in place measures which will protect and manage identified values for the enjoyment of this generation and for generations to come.

Wollondilly Shire Council's approach in facilitating this process and providing opportunities for extensive consultation has significantly improved understanding of these values and issues amongst stakeholders and the broader community. This Plan has provided ongoing opportunities for this discussion and process through a public meeting followed by a series of focus groups/ workshops, meetings with key stakeholders and management committees, meetings with local landcare groups and neighbouring residents, Council's Steering Committee meetings and letters/ submissions to Council.

Basis for Management

In concurrence with this community consultation, the Plan has further investigated and defined the values, role and purpose of each sportsground and reserve as follows:

- ❖ defined the regional context of the sportsgrounds and reserves;
- ❖ identified the key values attached to each of the sportsgrounds and reserves;
- ❖ established the role of these sportsgrounds and reserves in the lives of the community;
- ❖ reviewed values in relation to specific issues/ threats;
- ❖ developed opportunities for appropriate management; and
- ❖ provided a vision for the future of these sportsgrounds and reserves.

The vision statement developed in section 4.0 Basis for Management, encapsulates these values, provides guiding principles and addresses the fundamental expectations of the community as follows:

"To maintain and enhance these sportsgrounds and reserves' role as significant recreational, natural and cultural assets in the Wollondilly open space system, ensuring protection and conservation of identified values through appropriate management, in a way which best meets the environmental, recreational, educational and social needs of the present community and future generations".

Management Strategies

In accordance with this vision statement and requirements of the relevant Acts, this Plan establishes the following guiding principles or desired outcomes:

- ❖ to establish an appropriate land management framework for these Crown reserves and community land;
- ❖ to establish guidelines for assessing development proposals and impacts;
- ❖ to establish guidelines for assessing leases, licenses and other estate;
- ❖ to protect and enhance the sportsgrounds/ reserves' natural/ cultural setting and promote environmentally sustainable management practices;
- ❖ to maintain and enhance the sportsgrounds/ reserves' recreational uses, facilities, public access and amenities;
- ❖ to protect and enhance the sportsgrounds/ reserves' heritage values (as applicable).

and core objectives are established in relation to community land comprising:

- ❖ Sportsground
- ❖ Park
- ❖ General Community Use
- ❖ Natural Area: bushland
- ❖ Natural Area: watercourse

Key management objectives of this Plan are summarised as follows (for specific management actions refer to the Masterplans and section 5.0 Management Strategies tables):-

Tahmoor Sportsground

Review options for developing and upgrading the sportsground's existing facilities to maintain it's regional role as a preferred venue for netball (junior & senior), soccer, cricket, little athletics and dog shows. Promote opportunities to further develop appropriate recreational and sporting club facilities and passive recreation. Review options relating to a proposal for a licenced club facility on Crown reserve and ensure consistency in public purpose and community land core objectives.

Key Objectives:

- ❖ no licenced club facility at Tahmoor Sportsground (ie. option 3);
- ❖ ensure consistency in reservation's public purpose, permitted uses and intensity of use;
- ❖ protect endangered ecological community as scheduled under TSC Act;
- ❖ continue to maintain enhance/ upgrade sporting facilities for regional level competition, incl. floodlighting improvements to playing fields, sealing of existing grass netball courts and provision of additional netball courts;
- ❖ where appropriate, seek to rationalize existing facilities and amenities in co-ordination with user groups;
- ❖ promote greater use of shared facilities (e.g change-rooms, storage, toilets & floodlighting);
- ❖ address safety, risk management and health issues related to uncontrolled vehicular access and parking, and operation of recreational facilities;
- ❖ improve quality of pedestrian circulation incl. installation of shared pedestrian/ bikepath circuit;
- ❖ investigate opportunities to develop a family-oriented and integrated active/ passive informal recreation area (e.g BMX circuit, skateboard facility and picnic facilities);

- ❖ enhance opportunities for greater public access, circulation and linkages for a broad range of user groups (eg. people with disabilities, frail, aged, children).
- ❖ enhance landscape character and amenity ensuring appropriate protection and rehabilitation of environmental values.

Wollondilly Pony Club and Riding for the Disabled Association

Maintain current low-impact use and promote appropriate management practices by pony club/ association in their activities within these bushland Crown reserves.

Key Objectives:

- ❖ continue to support pony club/ association activities as a significant component of Wollondilly's broader recreational opportunities/ address existing lease issues with WPC;
- ❖ protection of existing landscape character incl. the establishment of objective limits on the type and amount of acceptable change imposed on natural setting;
- ❖ ensure appropriate protection and rehabilitation of environmental values (incl. scheduled endangered ecological community);
- ❖ ensure implementation of appropriate integrated bushland weed management and rehabilitation techniques;
- ❖ investigate opportunities to further develop appropriate pony trail linkages/ circulation along the Myrtle Creek corridor.

Thirlmere Sportsground

Enhance and rationalize existing recreational opportunities, facilities and public access. Encourage broader community access and multi-use and provide for a range of organized and passive recreational experiences. Promote Crown reserve as a rugby league & touch football facility. Protect and rehabilitate remnant bushland.

Key Objectives:

- ❖ Address alienation of large section of sportsground (greyhound trial track) and enhance opportunities for broad community access and circulation within sportsground;
- ❖ develop a strategy which will respond to increasing demands on facilities;
- ❖ investigate development of a second field(s) with flood lighting and upgraded amenities to reduce current overuse of main playing field;
- ❖ address quality and lack of seating, shade and litter bins;
- ❖ seek appropriate 'seed' funding (e.g State Govt.) to develop the unused Crown land inside the greyhound trial track;
- ❖ rationalize internal vehicular access and address public safety issues;
- ❖ provide/ rationalize off street entry and parking;
- ❖ respond to drainage issues effecting the operation of the main playing field;
- ❖ improve landscape character and amenities (incl. protection and rehabilitation of remnant indigenous vegetation).

Bargo Sportsground

Develop sportsground's potential as a sustainable shared venue for AFL, soccer, junior cricket, tennis, trotting, special events, community and scouting activities. Investigate options for upgrading facilities to cater for multi-use demands. Enhance landscape and environmental amenity. Improve opportunities for passive / informal active recreation. Protect remnant bushland.

Key Objectives:

- ❖ Upgrade existing playing surface and address risk management issues (cricket pitch & trotting track rail), floodlighting, litter and access;
- ❖ improve existing facilities, public amenities and lighting;
- ❖ investigate opportunities to develop 'back paddock' as additional competition playing field with associated infrastructure and facilities;
- ❖ rationalize existing vehicular access within sportsground;
- ❖ continue to maintain and develop existing facilities, providing a social focus for children and youth of varying age groups (playgrounds, skateboard/ mountain bike ramps);
- ❖ enhance landscape and amenity values;
- ❖ provide opportunities for passive recreation;
- ❖ enhance pedestrian/ bikepath access and circulation within sportsground;
- ❖ ensure appropriate environmental protection and rehabilitation of creek-line and remnant bushland;
- ❖ investigate opportunities for establishing a Companion Animal recreation areas.

Victoria Park

Review options for current management of the oval as a major venue for rugby league and touch football competition/ evening training. Ensure protection of significant landscape heritage and amenity values. Investigate opportunities for enhanced passive recreational opportunities (ie. pedestrian circulation and linkages along Stonequarry Creek).

Key Objectives:

- ❖ continue to maintain playing field and address options to upgrade recreational facilities, clubhouse, public amenities and floodlighting of main field;
- ❖ continue to investigate options for dispersal of activities (ie. use of AH & I Society oval or Dept. of Education land);
- ❖ develop 'mini-field' for juniors (to replace temporary community nursery);
- ❖ address safety issues related to vehicular access and circulation around perimeter of oval and Lach Nicholson Memorial stockyards;
- ❖ ensure appropriate protection and management of significant cultural/ commemorative trees;
- ❖ continue riparian rehabilitation along Stonequarry Creek;
- ❖ investigate passive recreation opportunities along Stonequarry Creek linking to Wonga Road Reserve;
- ❖ investigate opportunities for establishing a Companion Animal recreation areas.

Hume Oval

Promote oval as a sustainable multi-use regional facility for cricket and soccer, and continue to promote improvements to existing tennis facilities. Enhance 'village green' character providing improved passive recreational opportunities and integration of this open space with Botanic Gardens. Investigate opportunities for pedestrian/ bikepath linkages to town centre along Stonequarry Creek and Downing Street.

Key Objectives:

- ❖ continue to maintain and upgrade the oval (incl. extension of oval boundary and replacement of synthetic pitch with turf pitch);
- ❖ address security and tenure of clubs/ associations;
- ❖ assist user groups in attracting appropriate funding for the upgrading of recreational facilities;
- ❖ address ad hoc carparking and vehicular access;
- ❖ address environmental, safety and risk management issues related to informal BMX tracks on creek embankment;
- ❖ continue to enhance existing cultural/ natural landscape amenity;
- ❖ upgrade visual/ landscape character in north-eastern area (incl. scout hall);
- ❖ enhance passive recreation opportunities, pedestrian access and circulation (incl. shared pedestrian/ bikepath linkages).

Wonga Road Reserve

Promote and protect the reserve's outstanding scenic and environmental qualities. Seek to rehabilitate landfill site and investigate opportunities for active and passive recreation (incl. bushwalking, picnic facilities and potential linkages with Picton town centre along Stonequarry Creek).

Key Objectives:

- ❖ investigate "self-funding" opportunities for appropriate recreational development/ facilities (eg. "pitch and putt" golf range);
- ❖ investigate opportunities for integration of recreational activities with adjoining Council Dog Pound site (eg. community nursery, companion animal recreation/ dog obedience classes or pony club);
- ❖ encourage development of low-key pedestrian/ bushwalking track to access and link areas of outstanding scenic, environmental and cultural heritage values;
- ❖ investigate feasibility of access and linkages between Wonga Road Reserve and Picton town centre via Stonequarry Creek and Victoria Park;
- ❖ address all public safety and risk management issues.
- ❖ ensure appropriate protection and management of scenic rim and natural bushland.

Action Plan

The management strategies in section 5.0 of this Plan provide an action plan for these sportsgrounds and reserves. This action plan tables desired outcomes and core objectives and includes means of achievement (management actions), means of assessment (of these actions) and priorities for implementation of actions. The landscape masterplans identify the locations and relationships of proposed actions within each of the sportsgrounds and reserves. These actions are based on a five-year capital works programme which includes responsibilities for tasks, costings and completion dates (refer to the Works Schedule and Opinion of Probable Landscape Construction Costs in section 5.0 Management Strategies).

Investigate up to five additional netball courts at the eastern end of the existing courts and sealing of the six grass courts

Maintain and consolidate existing shot-put/ discus facilities

Promote natural regeneration/ buffer along boundaries

Investigate opportunities for informal shared pedestrian/ bikepath circuit (compacted decomposed granite)

Upgrade athletics track, playing field and cricket pitch;
- upgrade athletics track surface and extend automatic irrigation
- install floodlighting for evening training (athletics, softball, soccer/ football)
- replace existing synthetic wicket with natural turf to address broader playing field options and risk management
- protect all remnant regrowth vegetation (scheduled under TSC Act)

Investigate opportunities to establish formalized 1X circuit track as part of an integrated active/ passive recreation area;
- protect all remnant and regrowth vegetation (scheduled under TSC Act)
- design/ construct track as an asset with regional competition status with compacted FCR/ gravel surface with super-elevated corners and jumps
- provide adequate landscaping
- investigate multi-use opportunities including use as an unleashed dog exercise area

Upgrade/ re-level existing carpark with compacted decomposed granite surface (approx 25 car spaces)
- re-align existing post & rail fence
- ensure gates are locked at sunset to reduce vandalism

Investigate opportunities to construct shared pedestrian/ bikepath along Thirlmere Way linking the sportsground to Tahmoor and Thirlmere



LandArc

Protect, consolidate/ rehabilitate partially cleared remnant vegetation Scheduled under TSC Act

Relocate long jump sand pits

Upgrade storage, security, canteen, change-rooms and public amenities in existing building shared by WNA and WLA

Provide limited parking (18 car spaces)
- bollards/ post & rail perimeter to restrict vehicular circulation between netball courts and soccer fields
- provide additional security lighting

Formalize vehicular access with sealed road. Control ad hoc parking and address safety/ risk management and health issues. Install speed humps

Maintain public amenities

Maintain existing cricket nets

Rehabilitate area using local indigenous Shale/ Sandstone community species

Investigate opportunities for upgrading existing skateboard facility for more advanced and specialist manoeuvres. Construct footpath and additional seating

Enhance environmental/ visual quality of this area. Integrate existing skateboard facilities with family-oriented passive recreation opportunities (seating, picnic tables/ shelters and BBQ facilities.

Maintain 6 X existing asphalt netball courts and lighting (4 courts). Continue to upgrade association's netball courts, lighting and facilities

Existing Playing Fields
(2 full-sized soccer fields and 3 mini-fields)
- continue to maintain playing surface for multi-uses (senior/ junior soccer and kennel club)
- continue to upgrade floodlighting for evening training/ dog shows ensuring minimal light spillage to adjoining residents' properties
- install appropriate fencing to perimeter to address safety issues

Retain main vehicular entry

Install identification and directional signage

Construct 1.2 metre high post and rail fence with PVC-coated chainwire mesh panels along perimeter. Provide pedestrian entry points as shown

Construct pedestrian footpath

existing public amenities

existing 'hall' and canteen

Bus stop

Upgrade existing 'hall' storage, change-rooms and public amenities for soccer and kennel clubs

Upgrade existing carpark (58 car spaces) and provide additional security lighting. Protect endangered vegetation.

Investigate opportunities for informal shared pedestrian/ bikepath circuit (compacted decomposed granite)

Continue to improve local catchment management by reducing level of pollutants, rubbish, nutrients/ pesticides and weeds entering creek. Investigate opportunities for broad local volunteer involvement in 'landcare' initiatives and improved weed management

Maintain existing security fencing around sportsground

Protect habitat values and faunal corridors

Protect and manage Shale/ Sandstone Transition Forest (scheduled under TSC Act);
- address current mowing/ maintenance regime to promote natural regeneration (Incl. understorey species)
- develop integrated weed management/ rehabilitation programme

Maintain existing cricket nets

Investigate opportunities for pony-trail linkages and circulation along the Myrtle Creek corridor and adjoining Pony Club/ Association

Scale (metres) 0 10 20 30 40 50



Tabmoor Sportsground

No Licensed Club Facility (option 3)

Landscape Masterplan

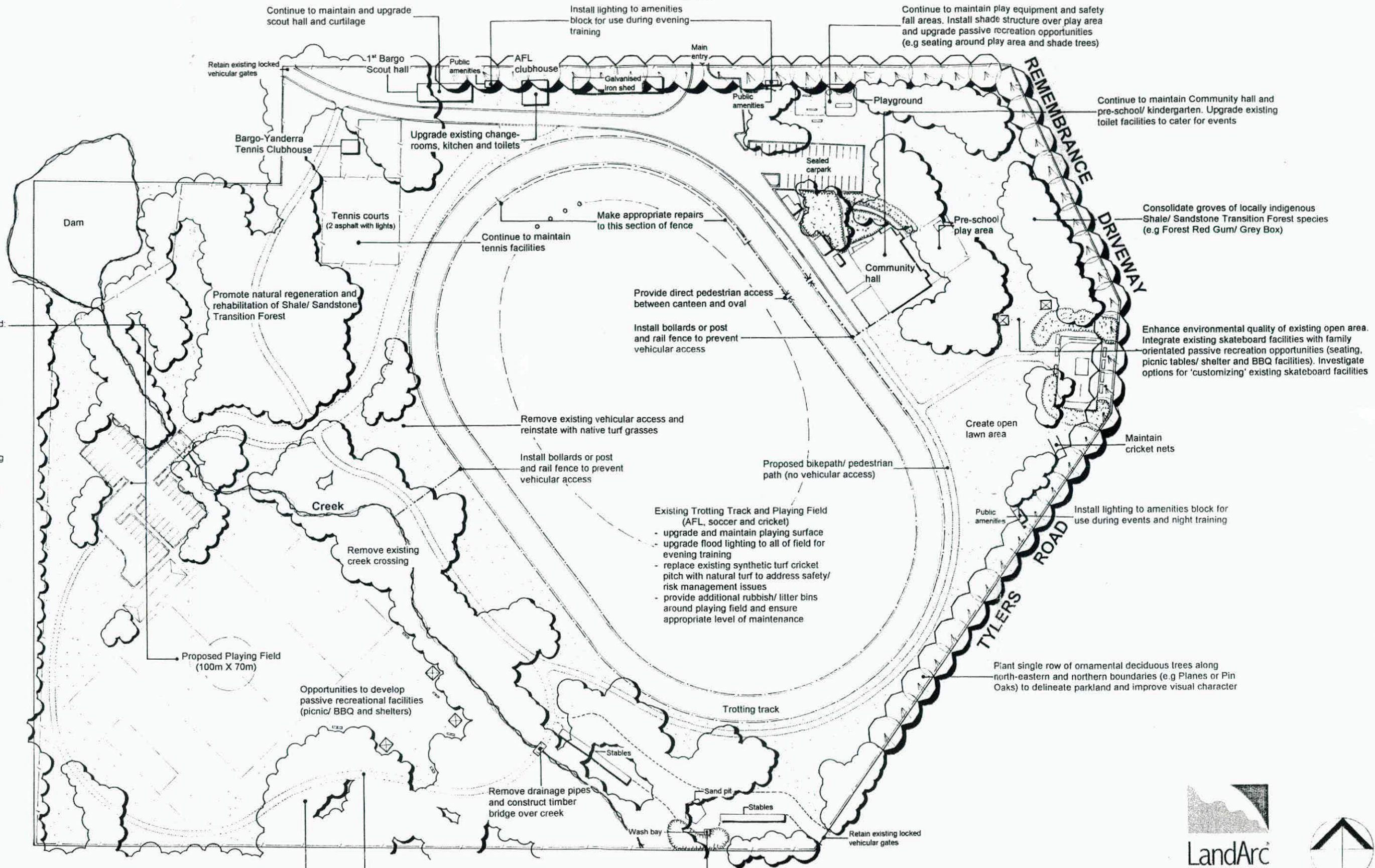
ADOPTED: 9 April 2001

KADER STREET

RADNOR ROAD

REMEMBRANCE DRIVEWAY

TYLERS ROAD



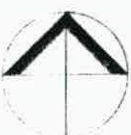
- Investigate opportunities for future development of second playing field:
- address over-use of existing playing field by AFL/ soccer
 - develop a new playing field for evening training (multi-use) and soccer (competition)
 - bulk earthworks/ drainage, automatic irrigation, grading and turfing
 - install lighting for night training
 - provide vehicular and pedestrian access to new playing field
 - construct semi-formalized parking area (compacted decomposed granite) min. 38 car spaces
 - protect creek from carpark runoff
- Investigate establishment of Companion Animal recreation area

Promote natural regeneration along perimeter of 'back paddock' and creek-line

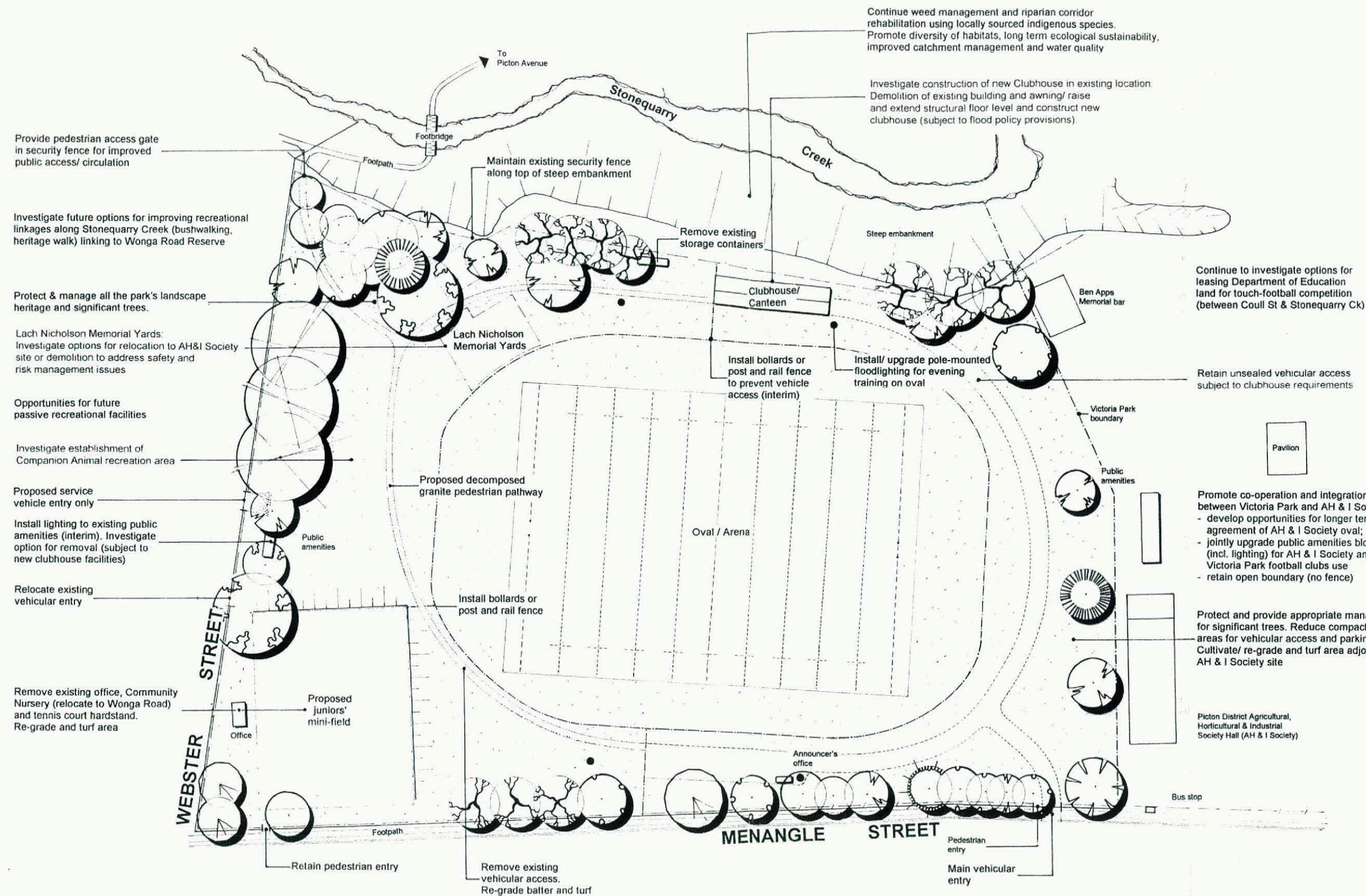
Investigate future opportunities for pedestrian/ bikepath access and circulation

- Formalize horse manure recycling bays and relocate wash-down area in accordance with EPA guidelines:-
- prevent waste disposal/ contaminants entering creek
 - construct small wetland basin to drain/ filter water from wash-down area. Plant with local wetland species
 - monitor water quality of creek and dam
 - rehabilitate creek corridor (i.e remove exotic weeds and plant locally-sourced indigenous species)

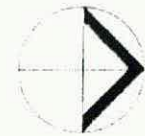
LandArc
 PO Box 304 Avalon NSW 2117
 Suite 9/55 Avon Parade Avalon
 Phone 99/3 1332 Fax 99/3 1791



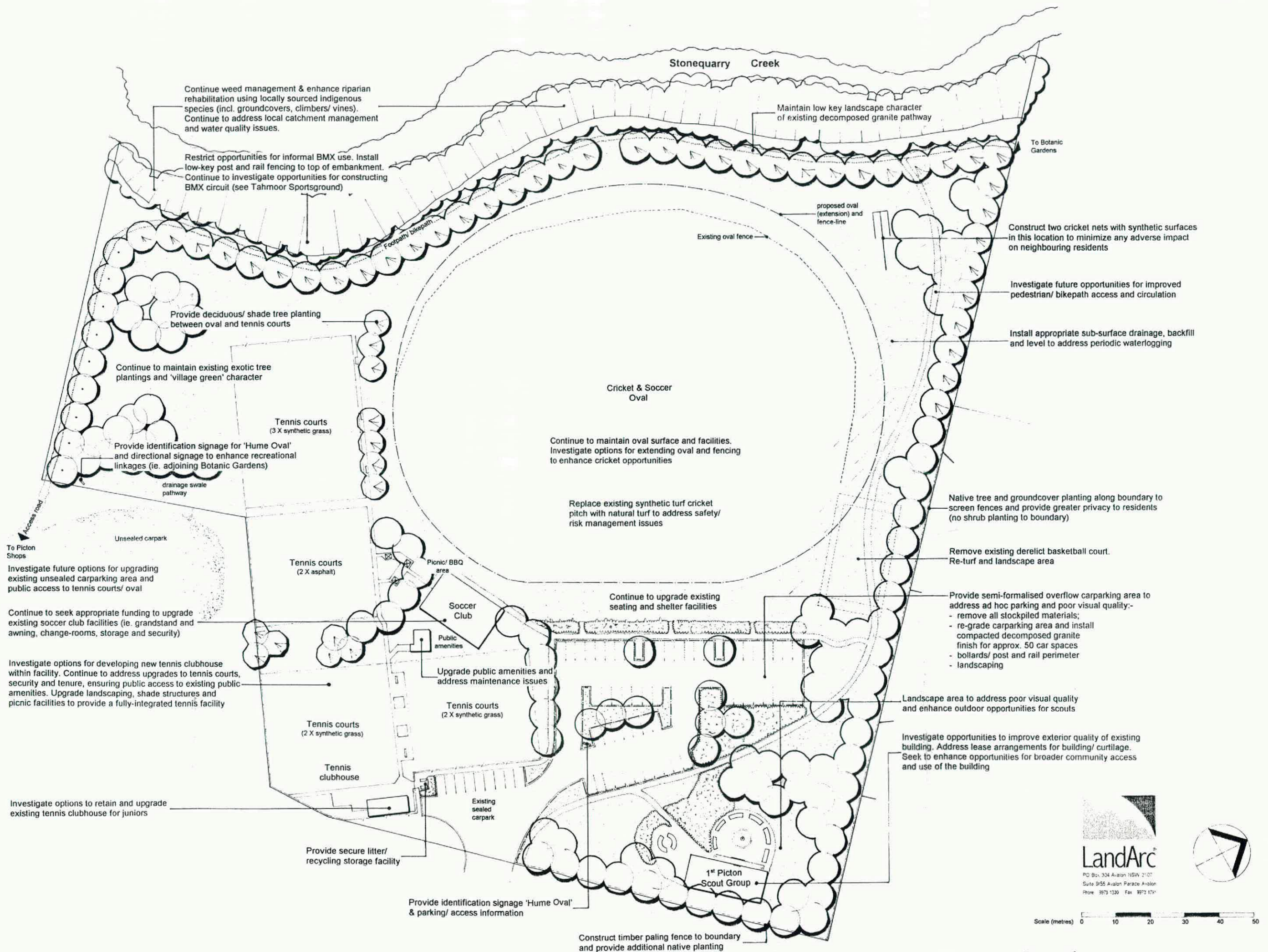
Scale (metres) 0 10 20 30 40 50



LandArc
 PO Box 204 Avalon NSW 2101
 Suite 9/05 Avalon Parade Avalon
 Phone: 9973 1330 Fax: 9973 1331



Scale (metres) 0 10 20 30 40 50



Continue weed management & enhance riparian rehabilitation using locally sourced indigenous species (incl. groundcovers, climbers/ vines). Continue to address local catchment management and water quality issues.

Restrict opportunities for informal BMX use. Install low-key post and rail fencing to top of embankment. Continue to investigate opportunities for constructing BMX circuit (see Tahmoor Sportsground)

Maintain low key landscape character of existing decomposed granite pathway

To Botanic Gardens

Construct two cricket nets with synthetic surfaces in this location to minimize any adverse impact on neighbouring residents

Investigate future opportunities for improved pedestrian/ bikepath access and circulation

Install appropriate sub-surface drainage, backfill and level to address periodic waterlogging

Provide deciduous/ shade tree planting between oval and tennis courts

Continue to maintain existing exotic tree plantings and 'village green' character

Provide identification signage for 'Hume Oval' and directional signage to enhance recreational linkages (ie. adjoining Botanic Gardens)

drainage swale pathway

Cricket & Soccer Oval

Continue to maintain oval surface and facilities. Investigate options for extending oval and fencing to enhance cricket opportunities

Replace existing synthetic turf cricket pitch with natural turf to address safety/ risk management issues

Native tree and groundcover planting along boundary to screen fences and provide greater privacy to residents (no shrub planting to boundary)

Remove existing derelict basketball court. Re-turf and landscape area

To Picton Shops

Investigate future options for upgrading existing unsealed carparking area and public access to tennis courts/ oval

Continue to seek appropriate funding to upgrade existing soccer club facilities (ie. grandstand and awning, change-rooms, storage and security)

Investigate options for developing new tennis clubhouse within facility. Continue to address upgrades to tennis courts, security and tenure, ensuring public access to existing public amenities. Upgrade landscaping, shade structures and picnic facilities to provide a fully-integrated tennis facility

Investigate options to retain and upgrade existing tennis clubhouse for juniors

Tennis courts (2 X asphalt)

Picnic/ BBQ area

Soccer Club

Public amenities

Upgrade public amenities and address maintenance issues

Tennis courts (2 X synthetic grass)

Tennis courts (2 X synthetic grass)

Tennis clubhouse

Existing sealed carpark

Provide secure litter/ recycling storage facility

Provide identification signage 'Hume Oval' & parking/ access information

Continue to upgrade existing seating and shelter facilities

Provide semi-formalised overflow carparking area to address ad hoc parking and poor visual quality:-
 - remove all stockpiled materials;
 - re-grade carparking area and install compacted decomposed granite finish for approx. 50 car spaces
 - bollards/ post and rail perimeter
 - landscaping

Landscape area to address poor visual quality and enhance outdoor opportunities for scouts

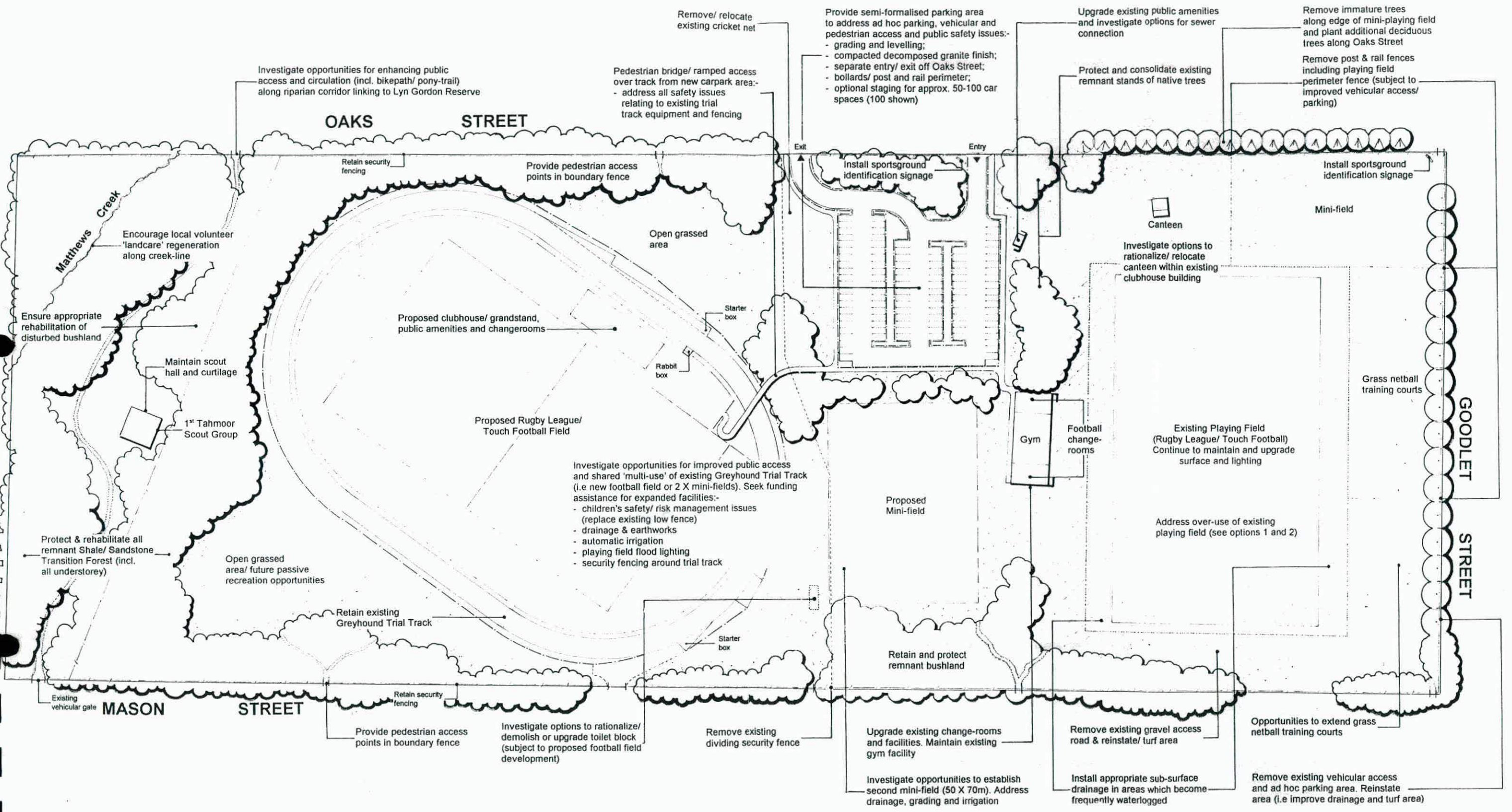
Investigate opportunities to improve exterior quality of existing building. Address lease arrangements for building/ curtilage. Seek to enhance opportunities for broader community access and use of the building

1st Picton Scout Group

Construct timber paling fence to boundary and provide additional native planting

LandArc
 PO Box 334 Avalon NSW 2107
 Suite 3/55 Avalon Parade Avalon
 Phone 9573 1330 Fax 9573 1717

Scale (metres) 0 10 20 30 40 50



Investigate opportunities for enhancing public access and circulation (incl. bikepath/ pony-trail) along riparian corridor linking to Lyn Gordon Reserve

Remove/ relocate existing cricket net

Pedestrian bridge/ ramped access over track from new carpark area:-
- address all safety issues relating to existing trial track equipment and fencing

Provide semi-formalised parking area to address ad hoc parking, vehicular and pedestrian access and public safety issues:-
- grading and levelling;
- compacted decomposed granite finish;
- separate entry/ exit off Oaks Street;
- bollards/ post and rail perimeter;
- optional staging for approx. 50-100 car spaces (100 shown)

Upgrade existing public amenities and investigate options for sewer connection

Remove immature trees along edge of mini-playing field and plant additional deciduous trees along Oaks Street

Remove post & rail fences including playing field perimeter fence (subject to improved vehicular access/ parking)

Retain security fencing

Provide pedestrian access points in boundary fence

Install sportsground identification signage

Install sportsground identification signage

Encourage local volunteer 'landcare' regeneration along creek-line

Ensure appropriate rehabilitation of disturbed bushland

Maintain scout hall and curtilage

1st Tahmoor Scout Group

Proposed clubhouse/ grandstand, public amenities and changerooms

Open grassed area

Starter box

Rabbit box

Proposed Rugby League/ Touch Football Field

Investigate opportunities for improved public access and shared 'multi-use' of existing Greyhound Trial Track (i.e. new football field or 2 X mini-fields). Seek funding assistance for expanded facilities:-
- children's safety/ risk management issues (replace existing low fence)
- drainage & earthworks
- automatic irrigation
- playing field flood lighting
- security fencing around trial track

Proposed Mini-field

Gym

Football change-rooms

Existing Playing Field (Rugby League/ Touch Football)
Continue to maintain and upgrade surface and lighting

Address over-use of existing playing field (see options 1 and 2)

Grass netball training courts

Protect & rehabilitate all remnant Shale/ Sandstone Transition Forest (incl. all understorey)

Open grassed area/ future passive recreation opportunities

Retain existing Greyhound Trial Track

Starter box

Retain and protect remnant bushland

Existing vehicular gate

Retain security fencing

Remove existing dividing security fence

Upgrade existing change-rooms and facilities. Maintain existing gym facility

Remove existing gravel access road & reinstate/ turf area

Opportunities to extend grass netball training courts

Provide pedestrian access points in boundary fence

Investigate options to rationalize/ demolish or upgrade toilet block (subject to proposed football field development)

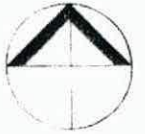
Investigate opportunities to establish second mini-field (50 X 70m). Address drainage, grading and irrigation

Install appropriate sub-surface drainage in areas which become frequently waterlogged

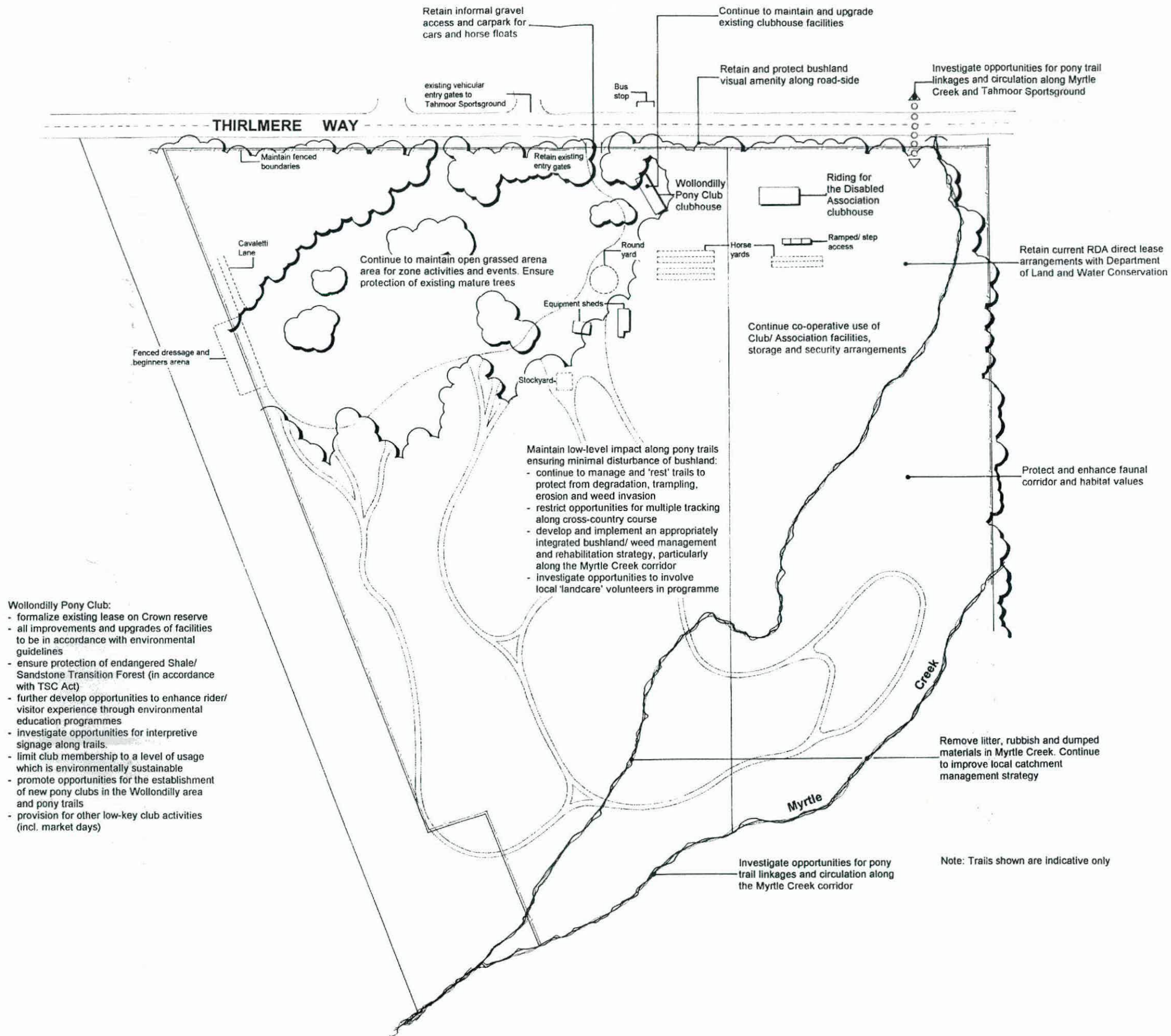
Remove existing vehicular access and ad hoc parking area. Reinststate area (i.e. improve drainage and turf area)



LandArc
PO Box 304 Avalon NSW 2107
Suite 9/55 Avalon Parade Avalon
Phone 9973 1330 Fax 9973 1791



Scale (metres) 0 10 20 30 40 50



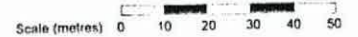
- Wollondilly Pony Club:**
- formalize existing lease on Crown reserve
 - all improvements and upgrades of facilities to be in accordance with environmental guidelines
 - ensure protection of endangered Shale/Sandstone Transition Forest (in accordance with TSC Act)
 - further develop opportunities to enhance rider/visitor experience through environmental education programmes
 - investigate opportunities for interpretive signage along trails
 - limit club membership to a level of usage which is environmentally sustainable
 - promote opportunities for the establishment of new pony clubs in the Wollondilly area and pony trails
 - provision for other low-key club activities (incl. market days)



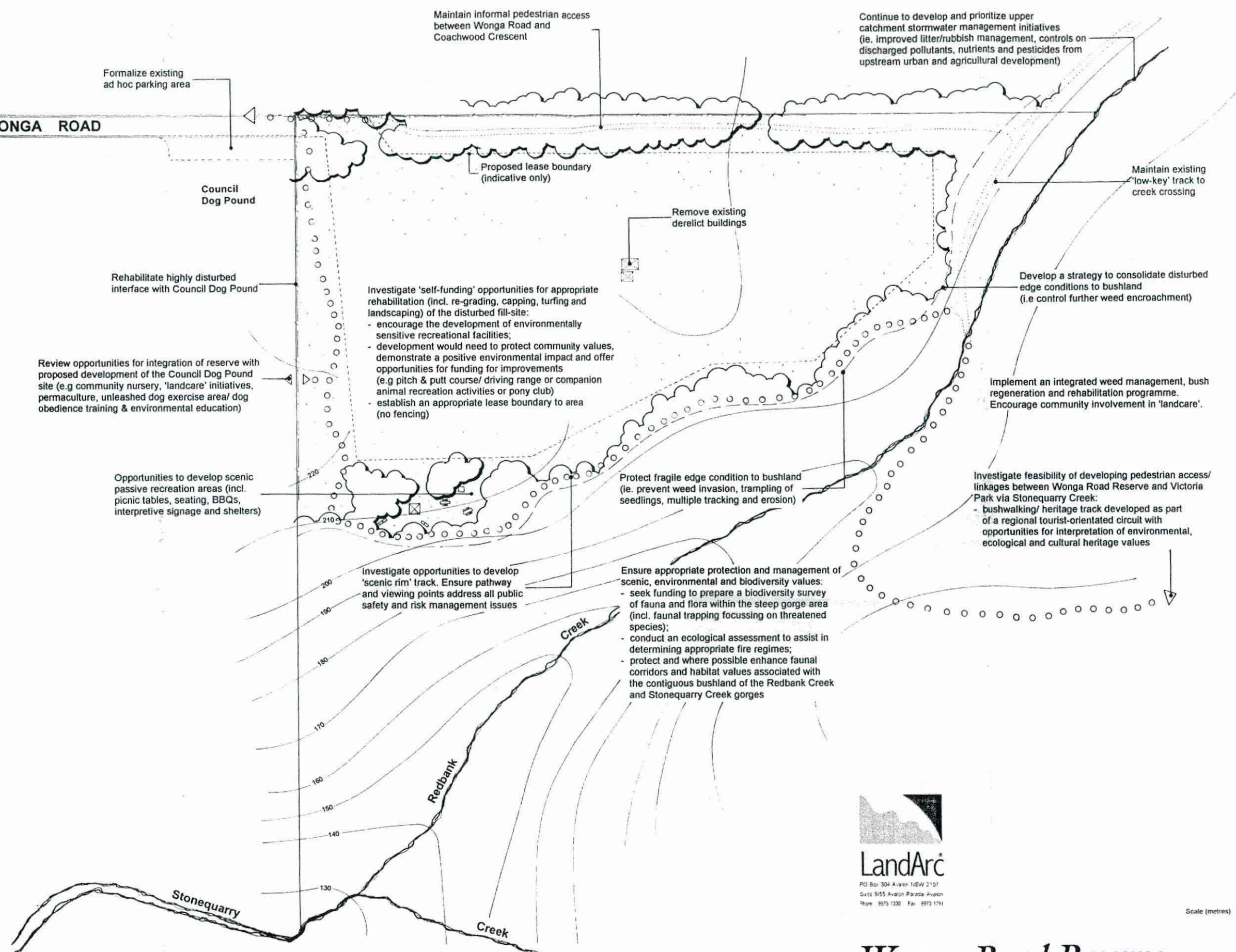
Wollondilly Pony Club & Riding for the Disabled Assoc.

Landscape Masterplan

ADOPTED 9 April 2001



WONGA ROAD



Formalize existing ad hoc parking area

Maintain informal pedestrian access between Wonga Road and Coachwood Crescent

Continue to develop and prioritize upper catchment stormwater management initiatives (ie. improved litter/rubbish management, controls on discharged pollutants, nutrients and pesticides from upstream urban and agricultural development)

Council Dog Pound

Proposed lease boundary (indicative only)

Remove existing derelict buildings

Maintain existing 'low-key' track to creek crossing

Rehabilitate highly disturbed interface with Council Dog Pound

Investigate 'self-funding' opportunities for appropriate rehabilitation (incl. re-grading, capping, turfing and landscaping) of the disturbed fill-site:

- encourage the development of environmentally sensitive recreational facilities;
- development would need to protect community values, demonstrate a positive environmental impact and offer opportunities for funding for improvements (e.g. pitch & putt course/ driving range or companion animal recreation activities or pony club)
- establish an appropriate lease boundary to area (no fencing)

Develop a strategy to consolidate disturbed edge conditions to bushland (i.e. control further weed encroachment)

Review opportunities for integration of reserve with proposed development of the Council Dog Pound site (e.g. community nursery, 'landcare' initiatives, permaculture, unleashed dog exercise area/ dog obedience training & environmental education)

Implement an integrated weed management, bush regeneration and rehabilitation programme. Encourage community involvement in 'landcare'.

Opportunities to develop scenic passive recreation areas (incl. picnic tables, seating, BBQs, interpretive signage and shelters)

Protect fragile edge condition to bushland (ie. prevent weed invasion, trampling of seedlings, multiple tracking and erosion)

Investigate feasibility of developing pedestrian access/ linkages between Wonga Road Reserve and Victoria Park via Stonequarry Creek:

- bushwalking/ heritage track developed as part of a regional tourist-orientated circuit with opportunities for interpretation of environmental, ecological and cultural heritage values

Investigate opportunities to develop 'scenic rim' track. Ensure pathway and viewing points address all public safety and risk management issues

Ensure appropriate protection and management of scenic, environmental and biodiversity values:

- seek funding to prepare a biodiversity survey of fauna and flora within the steep gorge area (incl. faunal trapping focussing on threatened species);
- conduct an ecological assessment to assist in determining appropriate fire regimes;
- protect and where possible enhance faunal corridors and habitat values associated with the contiguous bushland of the Redbank Creek and Stonequarry Creek gorges



LandArc
 PO Box 304 Avalon NSW 2101
 Suite 5/55 Avalon Parade Avalon
 Phone 8979 1330 Fax 8979 1791



Scale (metres) 0 10 20 30 40 50

1.0 Introduction

1.1 Overview

Wollondilly Shire Council's sportsgrounds and reserves provide an expansive range of recreational opportunities for many different user groups and individuals within the community. These areas are highly valued by their respective local communities and Wollondilly Shire's broader population base. As a result the sportsgrounds generate many competing pressures. In turn, these pressures are reflected in a range of issues, such as the appropriateness of current and future uses, public access, development of facilities and environmental sustainability.

Within this context, the Tahmoor-Thirlmere Ex Services Sports and Community Club (TTESS&CC) have expressed interest in Tahmoor Sportsground as a suitable site to develop a recreational and social club facility to benefit the local community. Tahmoor Sportsground is Crown land reserved for the purpose of public recreation. While there may be general community support for such a facility, the decision was taken that a forum be established to ensure thorough community consultation and development of appropriate management strategies. In response to the club's request, Wollondilly Shire Council as the appointed reserve trust manager, has been directed by Richard Amery MP Minister for Land and Water Conservation to prepare a plan of management for Tahmoor Sportsground in accordance with the Crown Lands Act 1989.

Wollondilly Shire Council has taken the opportunity to broaden the scope of this plan of management to include six other selected sportsgrounds and reserves within a single integrated land management package. These sportsgrounds and reserves are located within the Picton-Thirlmere-Tahmoor-Bargo areas. Victoria Park, Hume Oval, Thirlmere Sportsground and Bargo Sportsground all share many common and inter-related values and issues. Wollondilly Pony Club and Riding for the Disabled are part of the broader Crown reserve system adjacent to Tahmoor Sportsground. In addition, the Old Picton Tip Site (Wonga Road Reserve) was included on the basis of its future recreational open space opportunities.

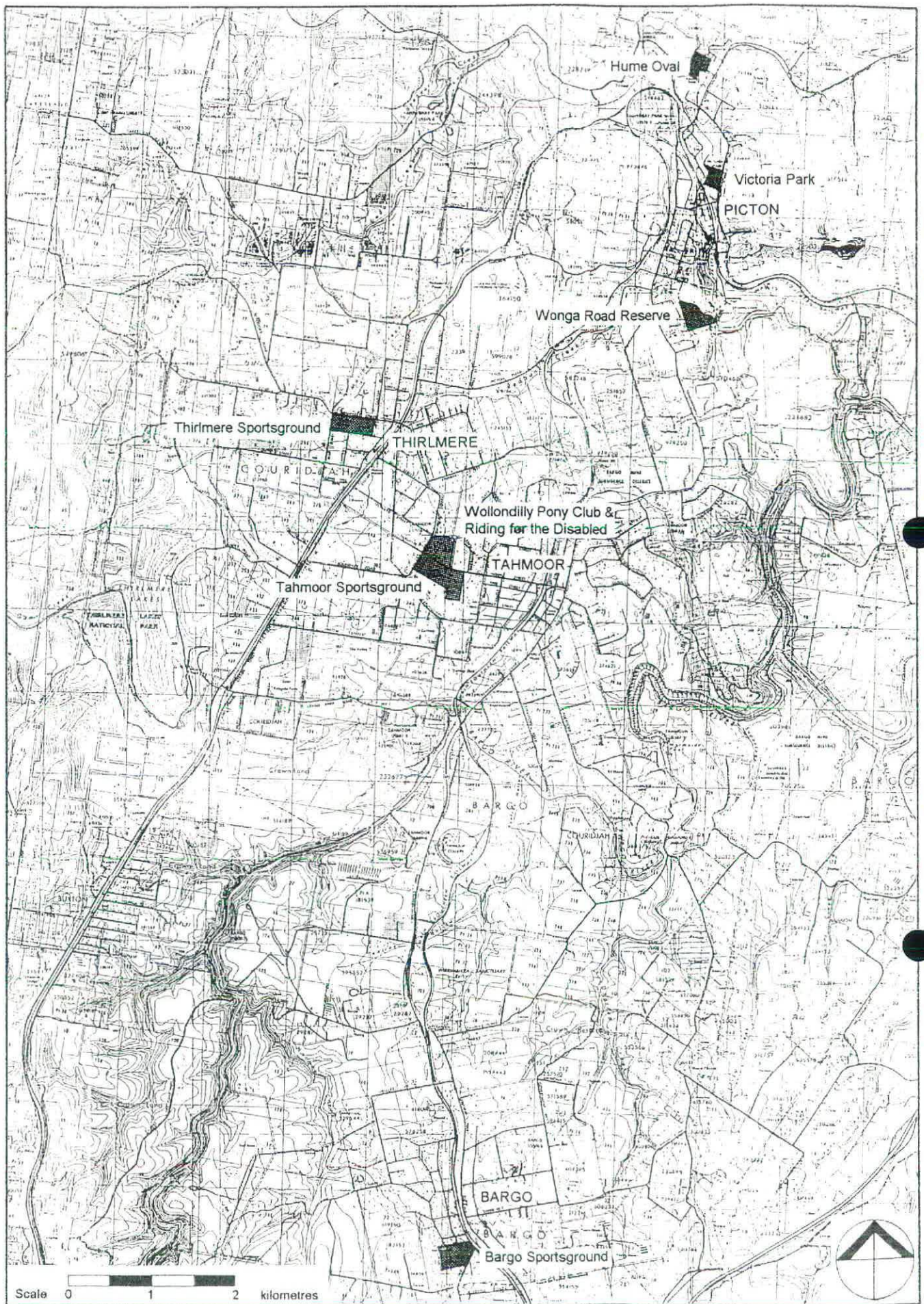


Figure 1:

Location Plan

Bargo Topographic Map 1:25 000 Sheet 9029-3-N (1987)
 Picton Topographic Map 1:25 000 Sheet 9029-4-S (1987)
 Central Mapping Authority of NSW

1.2 Study Area

This Plan of Management applies to the land described as follows (refer to Figure 1: Location Plan and Figures 2-7: Existing Condition):

1. Tahmoor Sportsground
Thirlmere Way, Tahmoor
2. Wollondilly Pony Club & Riding for the Disabled
Thirlmere Way, Tahmoor
3. Thirlmere Sportsground
Oaks Road, Thirlmere
4. Bargo Sportsground
Radnor Road, Bargo
5. Victoria Park
Menangle Street, Picton
6. Hume Oval
Dowling Street, Picton
7. Wonga Road Reserve (Old Picton Tip Site)
Wonga Road, Picton

1.3 What are the aims of this Plan?

This Plan aims to provide a clear, concise and practical framework for the management of this public land. It aims to be performance oriented in order to contribute towards Council achieving its strategic goals, vision, mission and strategic outcomes. The Plan needs to be consistent with the Local Government Act 1993, Local Government Amendment (Community Land Management) Act 1998, the Crown Lands Act 1989, case law and other relevant legislative requirements.

As a means to achieving these aims, this Plan of Management uses a values-based approach to land planning and management. This approach facilitates strategies which will protect and enhance values, whilst identifying the issues which may pose a threat to these values. It ensures the longer term objectives of sustainable management. While preparation of the Plan has ensured an environment of consultation with the local community and key stakeholders, it is important to recognize that the approach has remained values-based rather than an issues-driven in the management outcomes. At an organizational level, the Plan has evolved via a team approach with direction provided through a Steering Committee, including key Council staff and representatives from the Department of Land and Water Conservation (DLWC).

Furthermore, in accordance with Council's broader goals and objectives, the Plan aims to provide the following strategic outcomes for these areas:

- ❖ identify and assess each reserve's values, existing uses and facilities;
- ❖ define each reserve's role within its local area and regional context;

- ❖ identify the current and future needs of various user groups;
- ❖ identify and assess key issues affecting the resource base including but not limited to the following:
 - Tahmoor-Thirlmere Ex Services Sports and Community Club's proposal for a licensed recreational and social club facility;
 - recreational demands on existing sportsgrounds and facilities;
 - multi-use of sportsgrounds and facilities by various user groups;
 - special events management at sportsgrounds;
 - passive recreational opportunities and unstructured active sports;
 - opportunities for development of facilities and infrastructure;
 - community needs for formal and casual horse-related activities;
- ❖ develop an understanding of the resource at an organizational level;
- ❖ set a vision for the reserves spanning the next 20-30 years;
- ❖ define permitted uses and intensity of uses for each reserve;
- ❖ establish a basis for appropriate leases/ licenses and development;
- ❖ develop management strategies and their resourcing implications;
- ❖ assign directions and priorities in a strategic plan (5-years);
- ❖ develop masterplans for each of the reserves.

1.4 List of Abbreviations used in this Plan

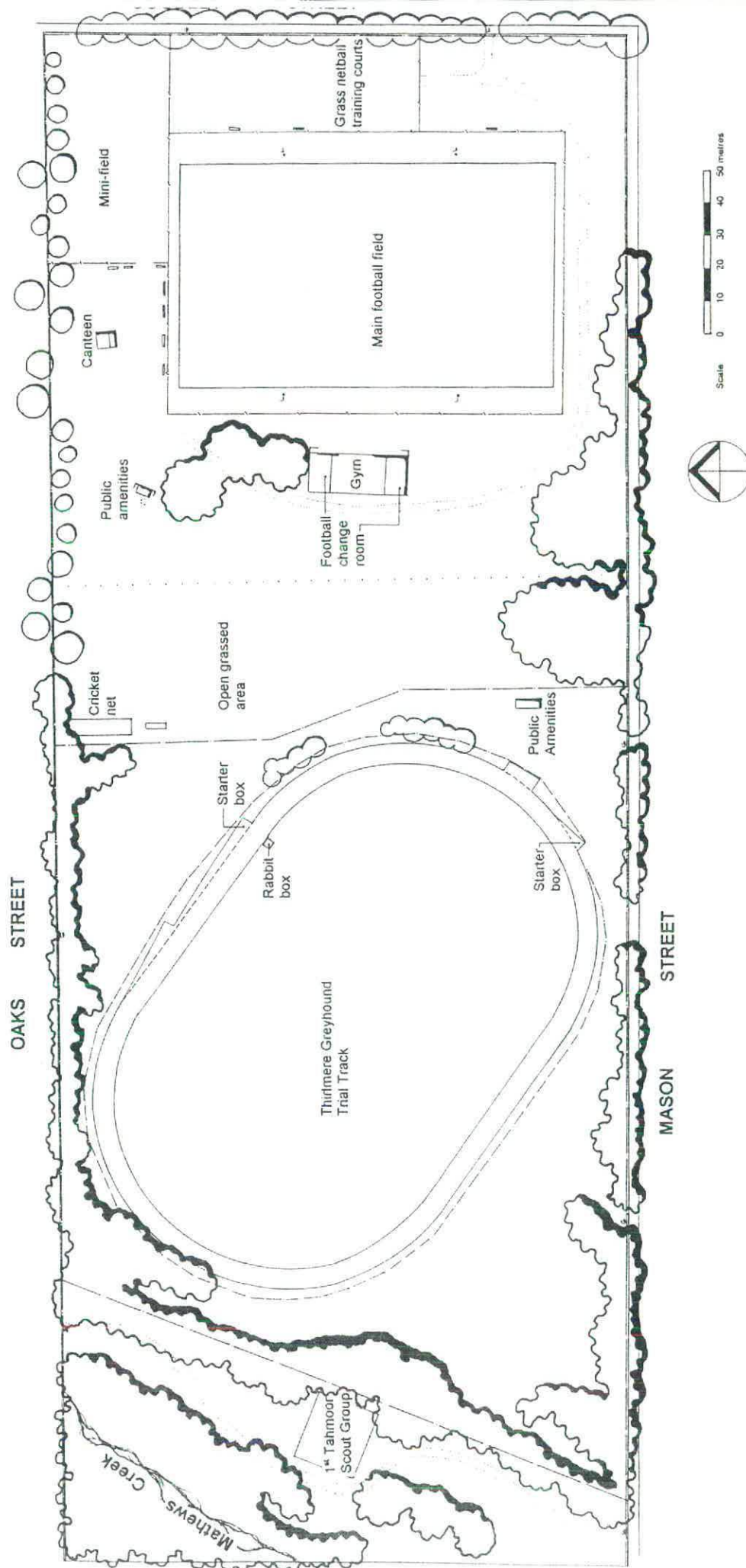
AH&I Society	Picton District Agricultural, Horticultural & Industrial Society
DLWC	Department of Land and Water Conservation
LEP	Local Environmental Plan
LGA	Local Government Area (Wollondilly Shire)
PCA	Picton Cricket Association
PRSC	Picton Rangers Soccer Club
PTC	Picton Tennis Club
PSSA	Primary School Sports Association
RDA	Riding for the Disabled
SEPP	State Environmental Planning Policy
S/G	Sportsground
TCA	Tahmoor Cricket Association
TSC	Tahmoor Soccer Club
TTESSCC	Tahmoor-Thirlmere Ex Services Sports and Community Club
TTF	Thirlmere Touch Football
TTRL	Thirlmere-Tahmoor Junior Rugby League
WABKC	Wollondilly All Breeders Kennel Club Inc
WGC	Wollondilly Greyhound Club
WHRC	Wollondilly Harness Racing Club
WLA	Wollondilly Little Athletics
WNA	Wollondilly Netball Association Inc
WPC	Wollondilly Pony Club



Talmoor Sportsground, Wollondilly Pony Club
 & Riding for the Disabled Association

Figure 2

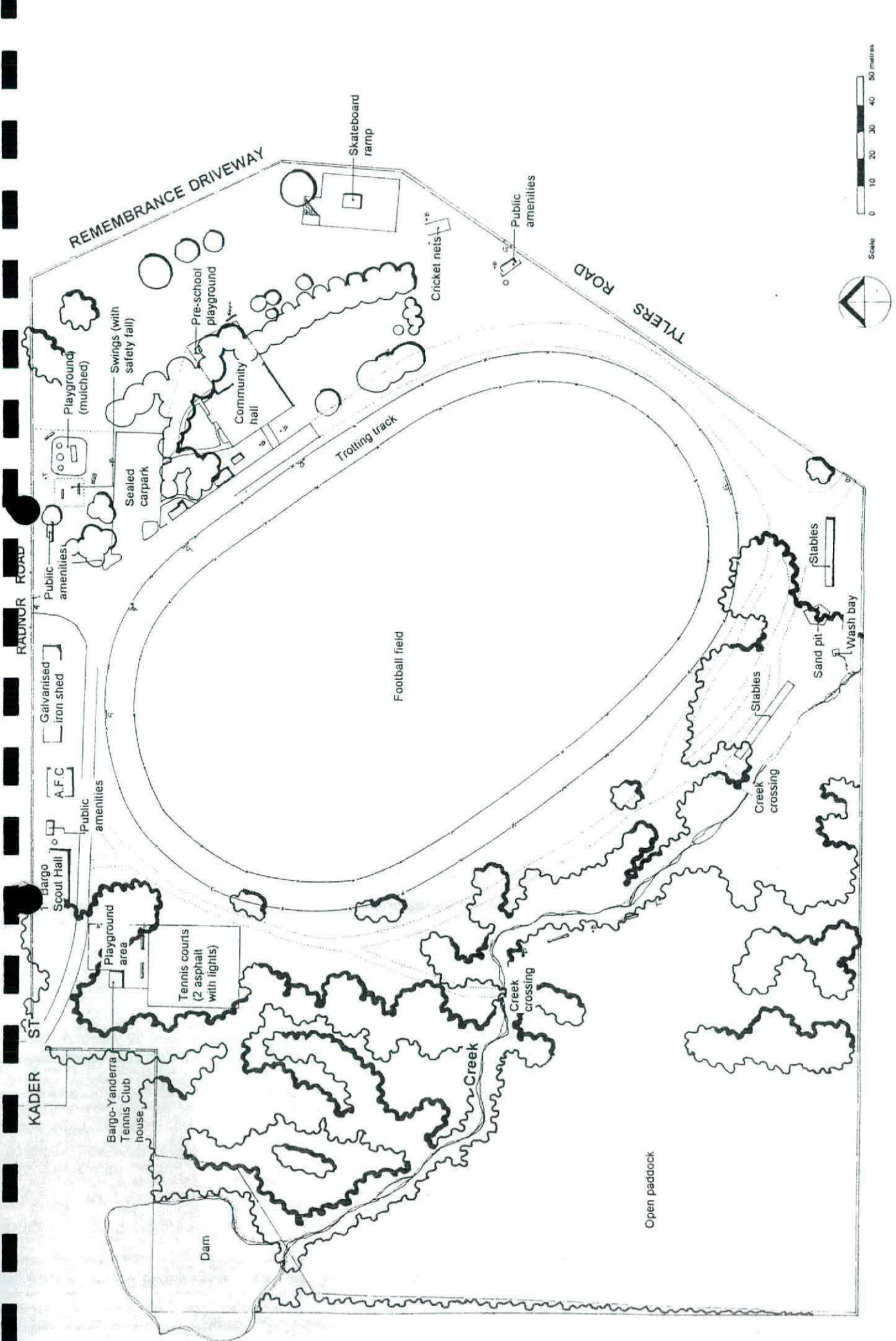
Existing Condition



Thirlmere Sportsground

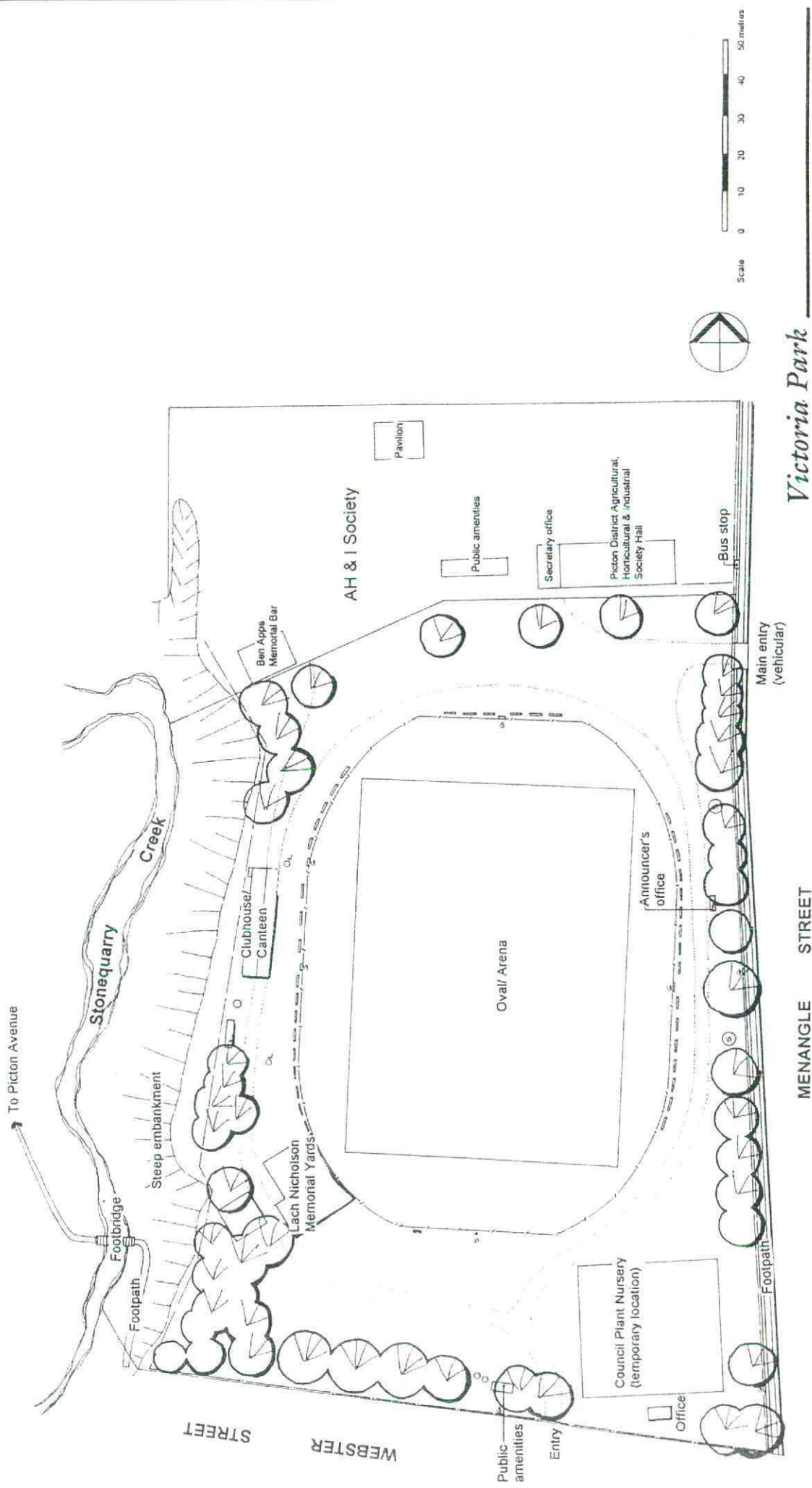
Figure 3

Existing Condition



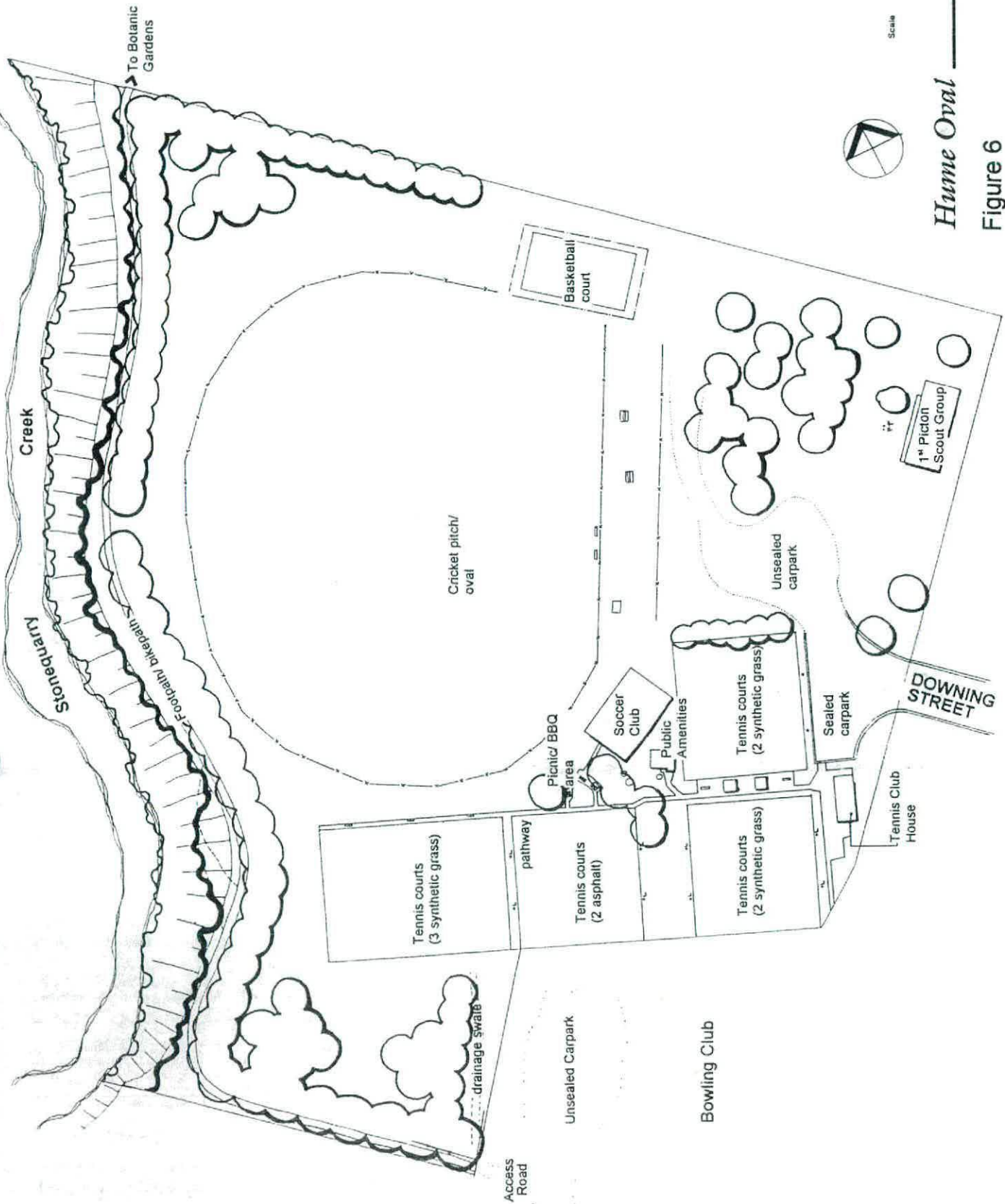
Bargo Sportsground
Existing Condition

Figure 4



Victoria Park

Figure 5 Existing Condition

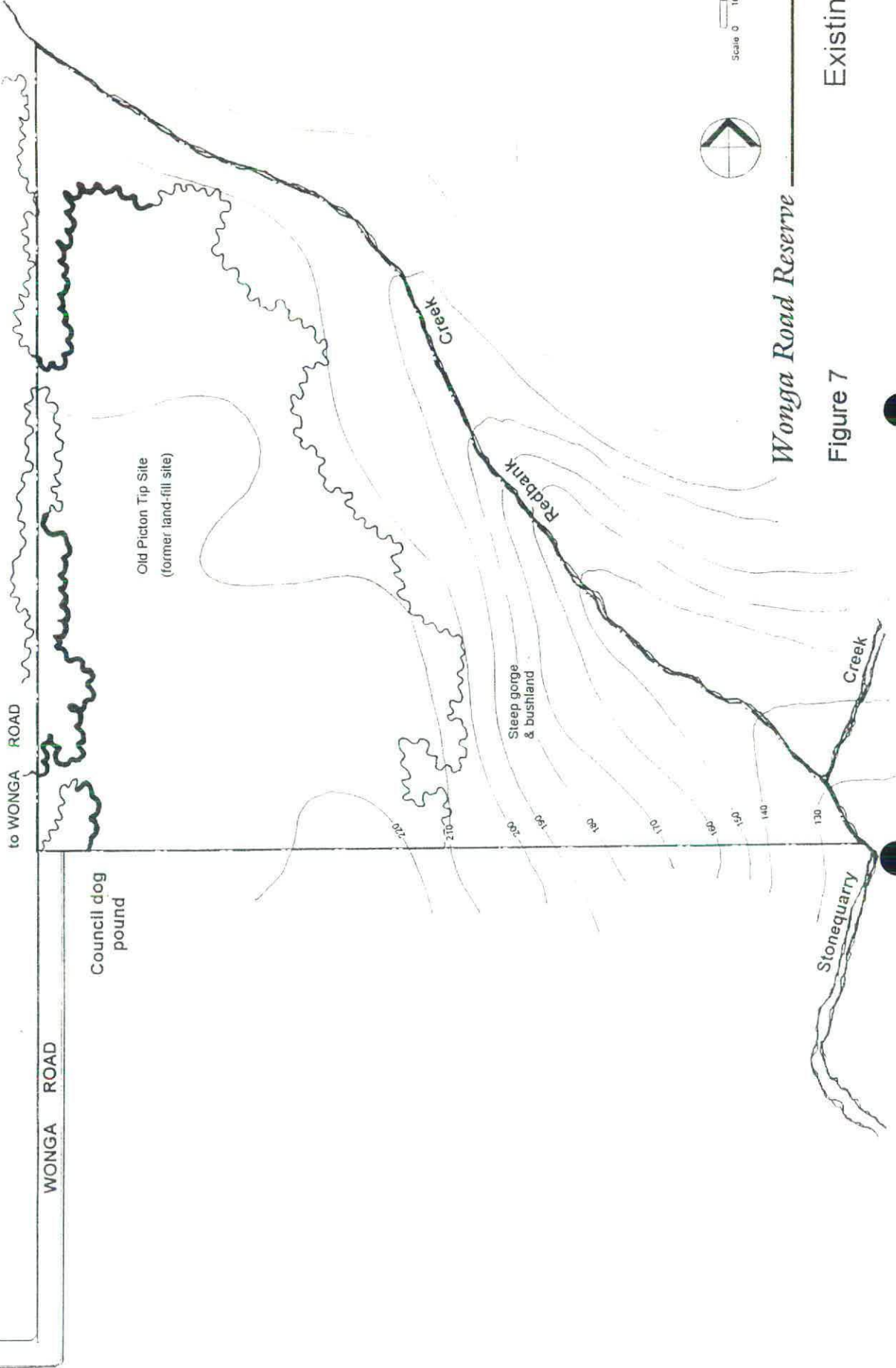


Hume Oval

Existing Condition

Figure 6

COACHWOOD CRESCENT



Wonga Road Reserve

Figure 7

Existing Condition

2.0 Land Description & Planning

2.1 What is Council's role in managing these reserves?

Zoning under the Local Environmental Plan

All the sportsgrounds and open space described in this Plan are either Crown reserve or community land, or in the cases of Tahmoor Sportsground and Bargo Sportsground, a combination of these land parcels (refer to Table 1: Land Description and Appendix V: Figures: A5-1 to 6). In accordance with the Wollondilly Local Environmental Plan 1991 (as amended), these lands are zoned 6(a) Open Space "A" (Recreation) Zone. The LEP defines objectives for this zone as follows:

"to recognize and ensure that publicly owned land is developed for open space recreation, to encourage the development of open space which best satisfies community needs and to permit development associated with or complimentary to open space."

Crown reserve

Tahmoor Sportsground:	Part R 56019 [Portion 305, 306, DP 751270]
Wollondilly Pony Club:	Part R 56019 [Portion 380, DP 751270]
Riding for the Disabled Association:	R 261 [Portion 1, DP 751270]
Thirlmere Sportsground:	R 13311 [Lot 7022, DP 92820]
Bargo Sportsground:	R 65999 [Lot 1, DP 332466]
Victoria Park:	R 1000528 [Lot 7005, DP 92838]

Wollondilly Pony Club and Riding for the Disabled Association, Thirlmere Sportsground and Victoria Park are all Crown reserves. Tahmoor Sportsground is largely Crown reserve with a smaller eastern section of "community land" attached. Similarly, Bargo Sportsground is a combination of both Crown reserve and community land.

Unlike the other Crown reserve parcels, Riding for the Disabled Association has a direct lease arrangement to the Department of Land and Water Conservation (DLWC) under a "permissible occupancy agreement" N^o 1988/ 3 rather than coming under Council's care, control and management.

In its role as trustee, Wollondilly Shire Council, has the ongoing responsibility to provide care, control and management of Crown land in these reserves in accordance with the Crown Lands Act 1989. It is important that Crown reserve parcels of land are managed within the broader context of recreational open space under Council's control. The Act requires that a plan of management must identify the public purpose of the Crown reserve to provide the basis for planning and management. In accordance with the Act, all land uses must either support or be ancillary to the reserve's public purpose.

Community land

Hume Oval:	Lot 100 and Portion Lot 25, DP 751287
Wonga Road Reserve (Old Picton Tip site):	Lot 68, DP 3007
Tahmoor Sportsground:	Lot 2, DP 172159
Bargo Sportsground:	Lot 2, DP 635609; Lot 2, DP 449212 and Lots 3-9, DP 18410.

Hume Oval and Wonga Road Reserve (the Old Picton Tip Site) are public lands entirely designated as "community land", vested in or under the control of Council. As previously described, the eastern portion of Tahmoor Sportsground and the major portion of Bargo Sportsground are "community land".

All public land must be managed in accordance with the Local Government Act 1993 and Local Government Amendment (Community Land Management) Act 1998. These Acts require councils to classify public land as "operational" or "community" and that plans of management must be prepared for community land. The ways in which community land can be used and managed are strictly governed in accordance with an adopted plan of management and any law permitting the use of the land for a specified purpose or otherwise regulating the use of the land.

Community land must not be sold, exchanged or otherwise disposed of by the Council except in the instance of enabling the land to be added to Crown reserve or a protected area under the National Parks and Wildlife Act 1974. Leases, licenses or estate may be granted subject to requirements of the Act. The period for leases and licenses cannot exceed 21 years. The use and management of community land must also be consistent with identified core objectives. Moreover, the nature and use of community land may not change without an adopted plan of management. In comparison, operational land is not subject to the same level of restrictions. Classification or reclassification may be made only by means of a local environmental plan or a resolution of Council in accordance with the Act.

2.2 A Plan which satisfies the requirements of the relevant Acts

A plan of management prepared in accordance with the Local Government Act 1993 and Local Government Amendment (Community Land Management) Act 1998 should comply with the requirements of the Crown Lands Act 1989, providing the following items are addressed:

- ❖ the plan must be prepared in accordance with the *principles for land management* under the Crown Lands Act;
- ❖ existing and proposed uses, developments, leases and management practices must be consistent with the dedicated *public purpose* of the reservation;
- ❖ the plan must address any matters required by the Minister responsible for the Crown Lands Act;

- ❖ the plan must be consistent with requirements of the Local Government Act as amended for community land, including its categories and core objectives, s.36 (a)-(n); and
- ❖ public exhibition of the draft plan and submissions must be referred to the Minister (responsible for the Crown Lands Act) prior to adoption.

2.3 What are the principles of Crown Reserve Management?

Section 11 of the Crown Lands Act 1989 provides a set of principles for Crown land management as follows:-

- ❖ environmental protection principles be observed in relation to the management and administration of Crown land;
- ❖ the natural resources of Crown land (including water, soil, flora, fauna and scenic quality) be conserved wherever possible;
- ❖ public use and enjoyment of appropriate Crown land be encouraged;
- ❖ where appropriate, multiple use of Crown land be encouraged;
- ❖ where appropriate, Crown land should be used and managed in such a way that both the land and its resources are sustained in perpetuity;
- ❖ Crown land be occupied, used, sold, leased, licensed or otherwise dealt with in the best interests of the State consistent with the above principles.

Furthermore, when preparing a plan of management for Crown land, the trust manager must comply with the following requirements of the Crown Lands Act 1989:-

- ❖ direction of the Minister or request by Trust for plan of management preparation;
- ❖ drafts circulated for comment;
- ❖ exhibition of draft Plan;
- ❖ draft Plan exhibition notices provided.

With the following outcomes:-

- ❖ the Minister shall consider timely comment;
- ❖ Ministerial adoption of the Plan;
- ❖ Trust must follow the Plan; and
- ❖ all operations must be in accordance with it.

2.4 What is “Public Purpose”?

As previously outlined, the Crown Lands Act provides for the reservation and dedication of Crown land for public purposes. Table 1: Land Description identifies the parcels of land, existing dedicated public purpose, current uses, existing facilities, improvements and condition.

The Department of Land and Water Conservation's schedule of Public Purposes continues to be revised and amended. The purpose and role of Crown reserve under this Plan have been thoroughly reviewed through public consultation, detailed investigation and liaison with the Department of Land and Water Conservation (DLWC). Through this process a broader public purpose has been identified for all reserves in this Plan of Management beyond their current purpose of “Public Recreation”.

Public Recreation and Environmental Protection

The remnant bushland associated with Tahmoor Sportsground, Wollondilly Pony Club, Riding for the Disabled Association, Thirlmere Sportsground and Bargo Sportsground is described as Shale/ Sandstone Transition Forest (SSTF). This ecological community is scheduled as endangered under the Threatened Species Conservation Act 1995 and requires appropriate protection and management in accordance with its conservation status. Public purpose for each of these reserves should therefore be changed to “Public Recreation and Environmental Protection”. These changes would also compliment core objectives on adjoining community land at Tahmoor Sportsground and Bargo Sportsground to provide consistency in land management objectives.

Public Recreation and Heritage Purposes

Furthermore, it is important to recognize Victoria Park's significant landscape heritage values in the number and range of exotic ornamental trees planted in the early part of the 20th century. These significant trees need to be recognised in Council's Local Environmental Plan and given appropriate care, protection and management. The reservation's public purpose should be changed accordingly to “Public Recreation and Heritage Purposes” in order to address these broader management objectives.

Community Purposes

The public purpose of Crown reserve parcels containing existing scout halls at both Thirlmere and Bargo Sportsgrounds similarly need to be addressed. The land parcels which include these scout halls and their immediate curtilages should be given a separate public purpose of “Community Purposes” separate to the proposed “Public Recreation and Environmental Protection”.

Proposed Change of Use: Community and Sporting Club Facilities

Proposed developments such as the licensed club facility at Tahmoor Sportsground must also be consistent with the purpose for which the land has been reserved. A number of land management options are reviewed in this Plan of Management. The preferred option is that the land parcel identified for this proposed development would be given a separate public purpose of “Community and Sporting Club Facilities” (refer to Appendix I: *Community Issues Discussion Paper: Tahmoor Sportsground A.3.1 Proposed Licensed Club Facility and Management Strategies tables*).

Table 1: Land Description: Existing Condition

Land Description & Tenure	Total Area (Ha)	Existing Public Purpose * (Crown Land)	Category (Community Land)
Tahmoor S/G Part R 56019 [Portion 305, 306, DP 751270] Lot 2, DP 172159	14.64	Crown Land [part] Public Recreation	Community Land [part] Sportsground Natural Area: bushland
Wollondilly Pony Club Part R 56019 [Portion 380, DP 751270]	5.97	Crown Land only Public Recreation	
Riding for the Disabled Assoc. R 261 [Portion 1, DP 751270]	2.96	Crown Land only Public Recreation	
Thirlmere S/G R 13311 [Lot 7022, DP 92820]	8.87	Crown Land only Public Recreation	
Bargo S/G R 65999 [Lot 1, DP 332466] Lot 2, DP 635609	11.3	Crown Land [part] Public Recreation	Community Land [part] Sportsground Natural Area: Bushland Natural Area: Watercourse
Lot 2, DP 449212			Sportsground
Lots 3 & 4, DP 18410			Sportsground General Community Use
Lots 5, 6, 7, 8 & 9 in DP 18410			Sportsground
Victoria Park R 1000528 [Lot 7005, DP 92838]	2.93	Crown Land only Public Recreation	
Hume Oval Lot 100, DP 751287	6.36		Community Land only Sportsground Park General Community Use Natural Area: watercourse
Portion Lot 25, DP 751287			Sportsground Park Natural Area: watercourse
Wonga Road Reserve Lot 68, DP 3007	6.73		Community Land only Park Natural Area: Bushland Natural Area: Watercourse

Notes:

* Refer to Management Strategies Tables for changes to "Public Purpose" in accordance with this Plan of Management. For facilities/ improvements refer to Table 5: Existing Recreational Facilities, Settings and Activities.

2.5 What are the principles of Community Land Management?

Under legislative requirements of the Local Government Act 1993 and Local Government Amendment (Community Land Management) Act 1998, s.36 (a)-(n), councils must prepare and adopt plans of management for all community land. Furthermore, a plan may apply to one or more areas of community land, providing all the Act's requirements are fulfilled.

The Act states that the Plan must identify the following:

- ❖ “the **category** of the land;
- ❖ the **objectives and performance targets** of the plan with respect to the land;
- ❖ the **means** by which the council proposes **to achieve** the plan's **objectives and performance targets**;
- ❖ the **manner** in which the council proposes **to assess its performance** with respect to the plan's objectives and performance targets, and may require the prior approval of the council to the carrying out of any specified activity on the land” and must include a description of the following:
 - ❖ “the **condition of the land**, and of any **buildings or other improvements** on the land, as at the date of adoption of the plan of management;
 - ❖ the **use of the land and any such buildings or improvements** as at that date”, and:
 - ❖ “specify the **purposes** for which the **land**, and any such **buildings or improvements**, will be **permitted to be used**, and
 - ❖ specify the **purposes** for which any **further development of the land will be permitted**, whether under lease or license or otherwise, and
 - ❖ describe the **scale** and **intensity** of any such **permitted use or development**.

2.6 What are Community Land “Categories”?

Community land must be categorised as either a natural area, a sportsground, a park, an area of cultural significance or for general community use, or a combination of these categories. The Act has a further requirement that land categorised as a “Natural area” must be given a sub-category of either bushland, wetland, escarpment, watercourse, foreshore or a category prescribed by the regulations.

As previously outlined, Tahmoor and Bargo Sportsgrounds have community land components whilst Hume Oval and Wonga Road Reserve are entirely community land. This Draft Plan identifies the following categories and sub-categories for this community land as follows (refer to Figures 8-11):

KEY



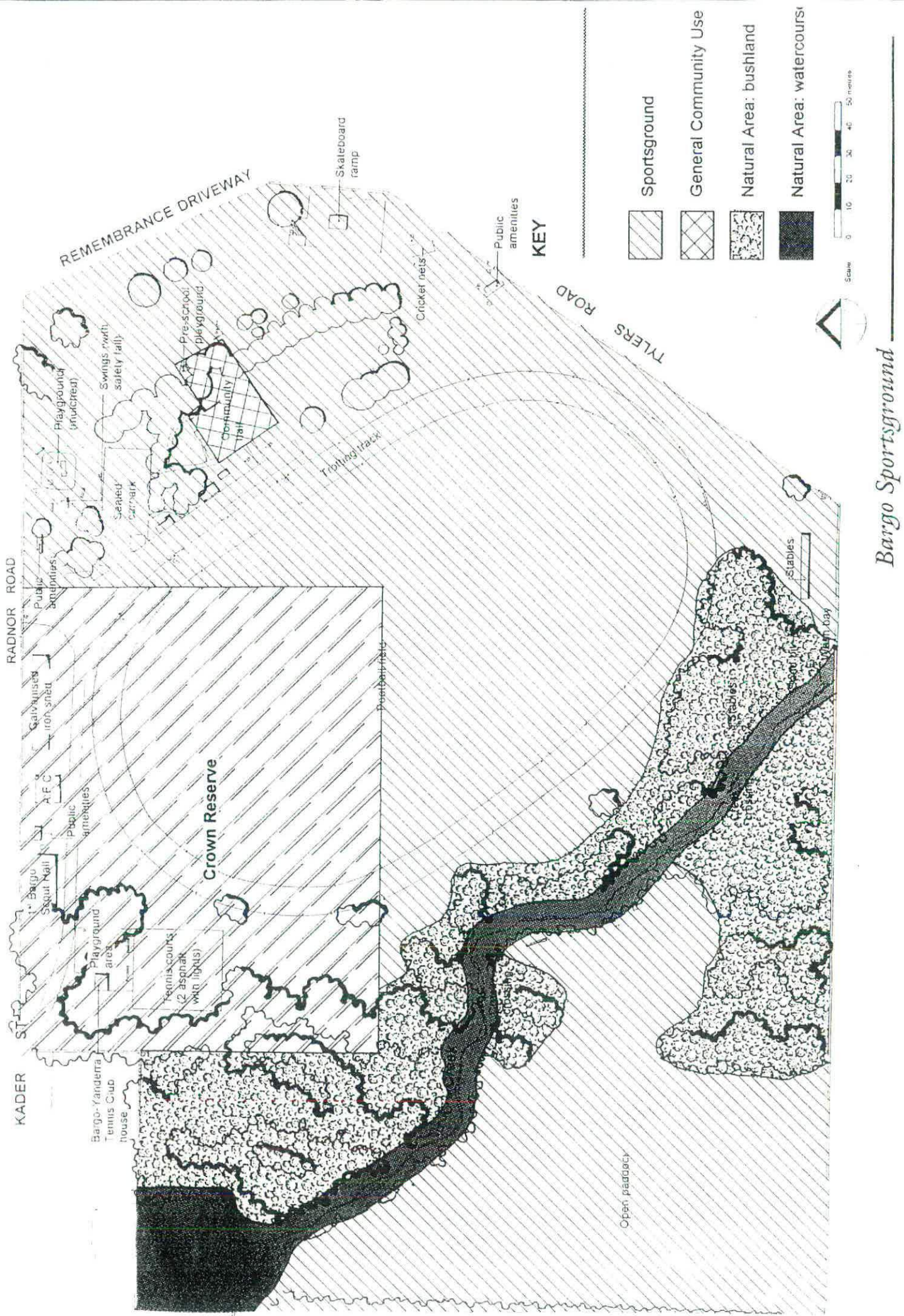
Sportsground



Natural Area: bushland

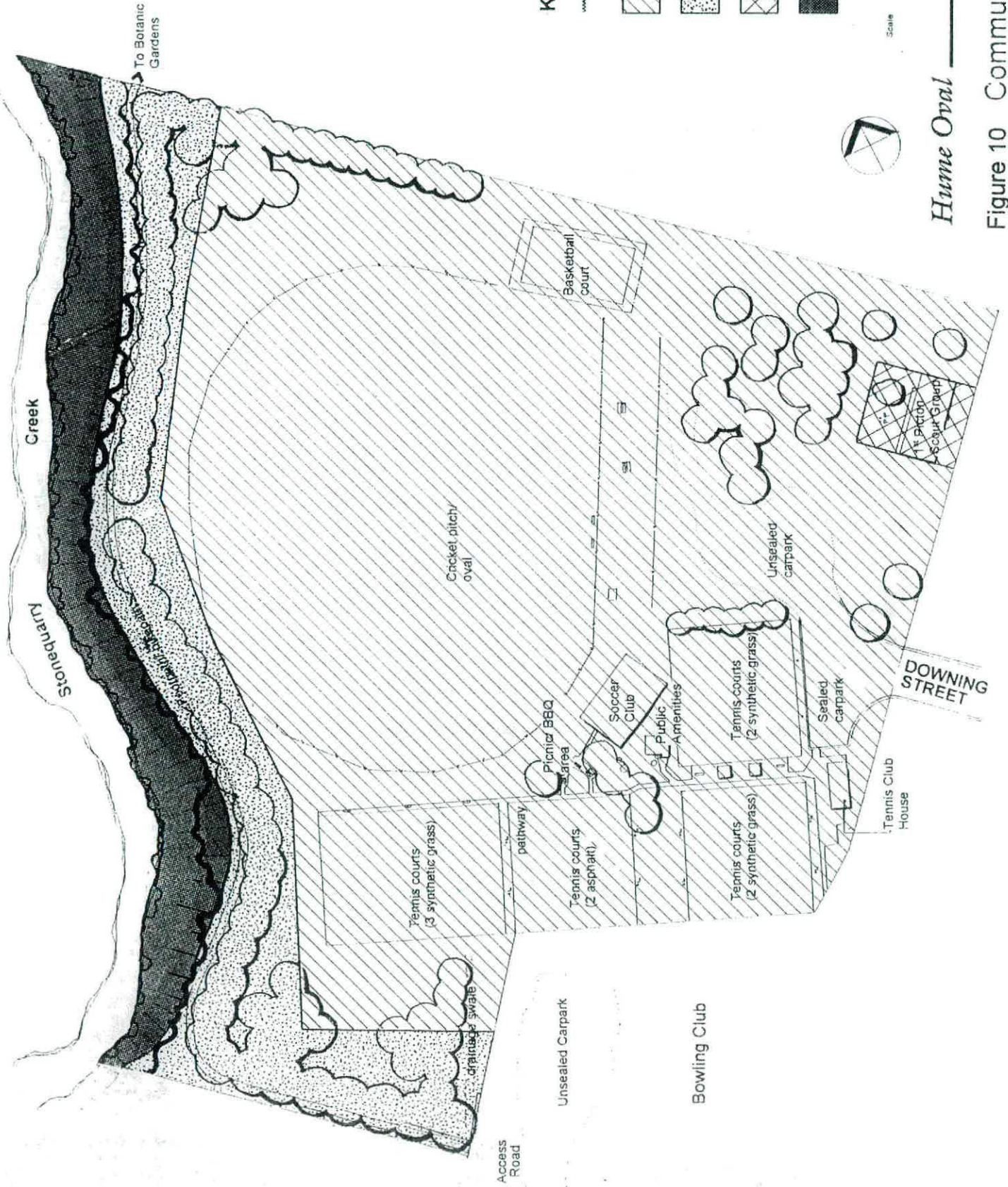


Talmoor Sportsground
Community Land Categories
Figure 8







Bargo Sportsground

Fig 9 Community Land Categories



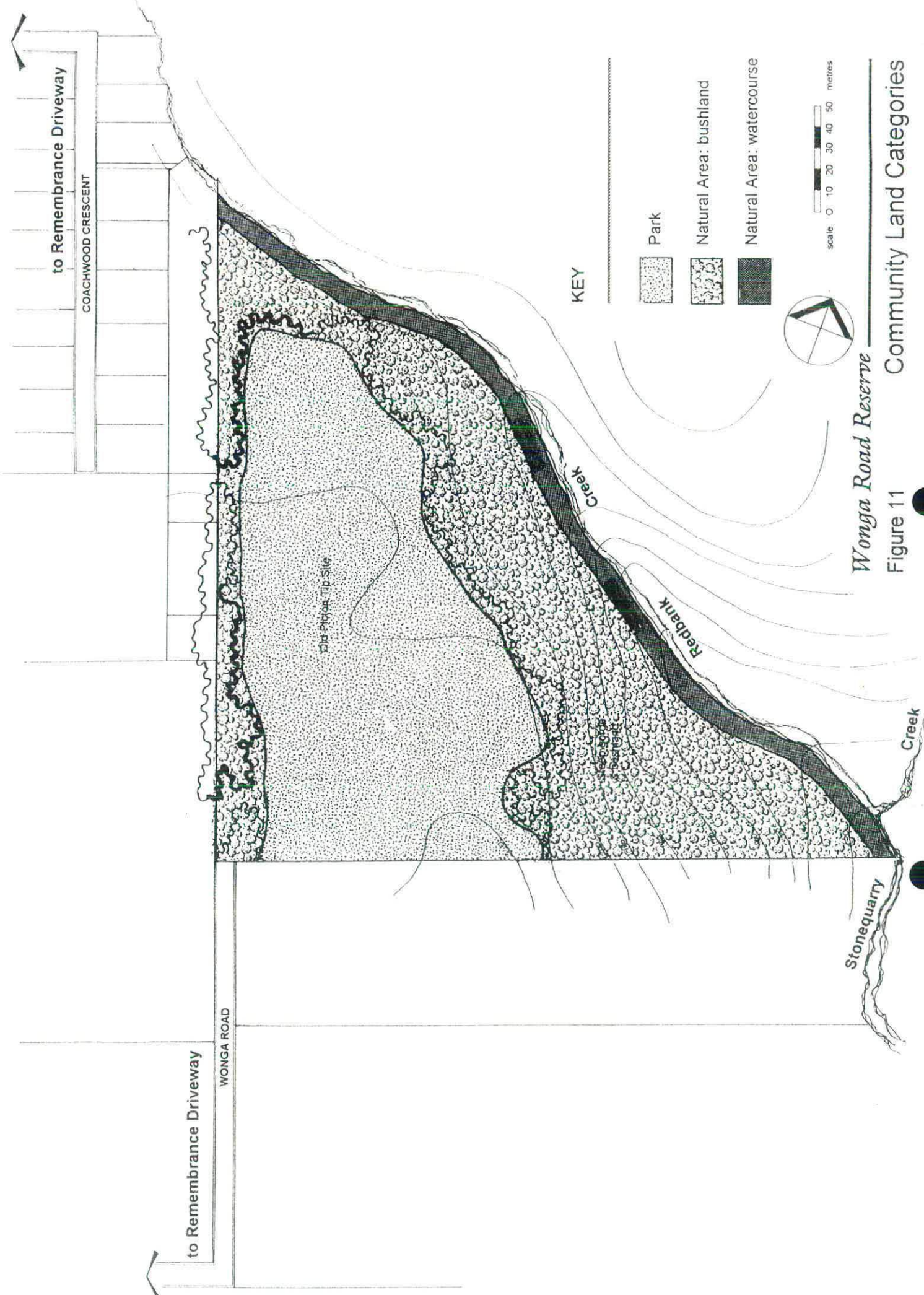
KEY

-  Sportsground
-  Park
-  General Community Use
-  Natural Area: watercourse



Hume Oval

Figure 10 Community Land Categories



KEY

-  Park
-  Natural Area: bushland
-  Natural Area: watercourse



scale 0 10 20 30 40 50 metres

Wonga Road Reserve

Figure 11

Community Land Categories

Tahmoor Sportsground

(see Figure 8)

- ▶ Sportsground
- ▶ Natural Area: bushland

Bargo Sportsground

(see Figure 9)

- ▶ Sportsground
- ▶ General Community Use
- ▶ Natural Area: bushland
- ▶ Natural Area: watercourse

Hume Oval

(see Figure 10)

- ▶ Sportsground
- ▶ Park
- ▶ General Community Use
- ▶ Natural Area: watercourse

Wonga Road Reserve (Old Picton Tip Site)

(see Figure 11)

- ▶ Park
- ▶ Natural Area: bushland
- ▶ Natural Area: watercourse

Table 1: Land Description schedules for Community land the facilities, improvements and condition of the land and its buildings.

2.7 How are these "Categories" defined?

The following definitions are adapted from the document "Guidelines for Categorisation of Community Land" in accordance with s. 36 (4) and (5) of the Local Government Act.

1. Sportsground

Land should be categorised as a sportsground if the land is used or proposed to be used primarily for active recreation involving organised sports or the playing of outdoor games.

2. Park

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

3. General Community Use

Land should be categorised as general community use if the land:

- ▶ may be made available for use for any purpose for which community land may be used, whether by the public at large or by specific sections of the public; and
- ▶ is not required to be categorised as a natural area, or does not satisfy the guidelines for categorisation as a sportsground, a park or an area of cultural significance.

4. (a) Natural Area: Bushland

Land which contains primarily the original native vegetation or a remnant of the natural vegetation or is still representative of the structure or floristics of the natural vegetation of this locality. Such land includes:

- ▶ mostly undisturbed bushland with a range of habitats and largely intact ecosystem including canopy trees and an understorey of shrubs, herbs, native grasses, etc. with little or no weed invasion; or
- ▶ moderately disturbed bushland, retaining natural ecosystem functions and habitat values, including natural regeneration, with low to medium level of weed invasion; or
- ▶ highly disturbed bushland where the natural ecosystem functions and habitat values are significantly disrupted, native tree canopy is largely fragmented, native understorey has been removed, opportunities for regeneration are restricted and weeds are a significant component, but where the land is still capable of being rehabilitated.

4. (b) Natural Area: Watercourse

Land described as:

- ▶ any perennial or intermittent stream, flowing in a natural or artificially improved or re-diverted channel; or
- ▶ associated riparian land or vegetation, including land which is protected under the relevant legislation.

2.8 How does this Plan relate to other Strategic Documents?

In accordance with the requirements of the Local Government Act 1993, Wollondilly Shire Council has adopted a strategic, community-focussed approach to planning and land management. This involves development of a number of linked strategic documents under the guidance of Council's Management Plan: 1999-2002 (adopted June 1999). This Plan highlights Council's commitment to the community in protecting Wollondilly's rural identity and its quality of life, promoting equity in services and facilities and enhancement of natural environmental, aesthetic, cultural, heritage and recreational values.

2.9 Strategic Documents used in the preparation of this Plan

The following Council documents have been used to assist and guide the strategic outcomes of this Plan, ensuring consistency in values, principles and policies:

- ❖ Council's Management Plan 1999-2002;
- ❖ Wollondilly Local Environmental Plan 1991 (as amended);

- ❖ Picton Tahmoor Thirlmere Strategy (1999)
- ❖ Wollondilly Shire Council Operations Manual for s.355 Committees (2000);
- ❖ Wollondilly Section 94 Contributions Plan (2000)
- ❖ Picton Local Flood Policy (2000);
- ❖ Wollondilly Shire Council Community Profile (1996).

A complete list of policy documents, relevant studies and plans are contained in the Bibliography.

2.10 Other Relevant Legislation and Policies

This Plan must also be in accordance with the provisions contained within relevant legislation and policy guidelines, including but not limited to the following:

- ❖ Environmental Planning and Assessment Act 1979
- ❖ Threatened Species Conservation Act 1995
- ❖ Australian Heritage Commission Act 1975
- ❖ Rural Fires Act 1997
- ❖ Native Title Act 1993
- ❖ Noxious Weeds Act 1993
- ❖ Disability Discrimination Act 1992
- ❖ Registered Clubs Act 1976

2.11 Native Title Act

A determination of native title is a determination whether or not native title exists in relation to a particular area of land or waters, and if it does exist. The National Native Title Register contains determinations by the Federal Court or the High Court, or by recognized State/ Territory bodies or other determinations by courts or tribunals, as to whether or not native title exists. The Native Title Register defines the person(s) or groups holding native title rights, the nature and extent of these rights and interests over the subject land or waters.

Native title may or may not exist on Crown reserves within the Wollondilly local government area. Issues which may arise under this Act would be investigated by Council at the time of any development application affecting the subject land.

3.0 Community Issues

3.1 Community Consultation

Community consultation has been an important component in the preparation of this Plan of Management. LandArc has continued an open, transparent approach to all community consultation with opportunities for all stakeholders and members of the community to contribute comments and submissions. It is important that this process continues through to Public Exhibition phase and release of the Draft Plan, at which time the community has a further opportunity to make final comments and submissions. This process highlights the significance of community ownership in the Final Plan. Appendix I: Community Issues Discussion Paper provides a detailed analysis of key issues and values.

An initial public meeting/ workshop, held at the Council Chambers on 29th February 2000, aimed to discuss broad issues rather than specifics for each of the sportsgrounds and reserves (refer to Appendix II: Public Meeting/ Workshop). Further written responses were received on the Exploring Issues Papers and in detailed submissions (refer to Appendix III: Summary of Community Issues Papers).

Over the period March-April 2000, a series of focus group/ stakeholder meetings provided opportunities for detailed discussion and resolution of site-related issues. Attendees included Councillors, council staff, representatives from the sportsgrounds management committees, clubs/ associations and stakeholders, neighbouring residents, representatives from Picton High School, local landcare groups and community nursery. Further written submissions were received following the workshops and site meetings including a submission from the Wollondilly Youth Services Network (see Appendix IV: Wollondilly Youth Recreation Survey).

The following provides a summary of key issues raised during community consultation. For further details and analysis refer to Appendix I.

3.2 Tahmoor Sportsground

- ❖ Crown reserve/ Community land
- ❖ proposed licensed club facility by TTESSCC:
 - location for proposed licenced club facility is on Crown land reserved for Public Recreation (ie. proposed use is not consistent with reservation's public purpose);
 - proposal to support local sporting clubs and associations at Tahmoor S/G and provide a broad range of community-based and social activities;
 - licensed club with liquor and gaming (poker machines);
 - need for limits on permitted uses and future development;
 - broad community support not clearly defined;
 - alternate sites reviewed;
 - land management options reviewed:
 - i. maintain status quo
 - ii. direct lease to Department of Land and Water Conservation
 - iii. create a separate reservation and public purpose for portion of Crown land
 - iv. purchase of land parcel
 - preferred land management option is item iii. (separate reservation and public purpose);
 - Shale/ Sandstone Transition Forest scheduled under TSC Act (1995) must be protected.
- ❖ major user groups include the following:
 - Wollondilly Netball Association Inc;
 - Tahmoor Soccer Club Inc;
 - Tahmoor Cricket Association;
 - Wollondilly All Breeders Kennel Club Inc;
 - Wollondilly Little Athletics.
- ❖ highly valued but under-resourced community asset;
- ❖ number of activities provided are having negative impact on standard of facilities;
- ❖ poor standard of 'hall', storage and canteen facilities, public amenities, change rooms and showers, lighting and plumbing/ water connections;
- ❖ facilities are poorly integrated;
- ❖ inadequate lighting of facilities for evening use;
- ❖ 'spillage' and glare from light towers onto adjoining properties;
- ❖ peak use demand on facilities;
- ❖ simultaneous use of facilities/ user group conflict;
- ❖ uncontrolled internal access and parking raises health and safety issues;
- ❖ security issues/ vandalism;
- ❖ negative community opinion regarding use of skateboard facility;
- ❖ poor level of provision for passive recreation and unstructured active recreation;
- ❖ rehabilitation of disturbed Shale/ Sandstone Transition Forest.

3.3 Wollondilly Pony Club/ Riding for the Disabled Association

- ❖ Crown reserves
- ❖ no current lease agreement for Wollondilly Pony Club (Club is seeking security of tenure);
- ❖ Riding for the Disabled Association has an existing direct lease agreement with the Department of Land and Water Conservation;
- ❖ steady rise in WPC membership;
- ❖ activities, scale and intensity of use are low-key;
- ❖ broad range of pony club, community and social activities;
- ❖ need for more pony clubs in the Wollondilly area;
- ❖ potential to investigate pony trails/ circulation in the surrounding area including trails through riparian corridors;
- ❖ good working relationship between Wollondilly Pony Club and Riding for the Disabled Association;
- ❖ security and vandalism are ever present problems for WPC and RDA;
- ❖ WPC confirmed pro-active management of environmental values;
- ❖ WPC and RDA within scheduled Shale/ Sandstone Transition Forest under TSC Act (1995);
- ❖ possible negative impact on bushland amenity by proposed licenced club facility at Tahmoor Sportsground.

3.4 Thirlmere Sportsground

- ❖ Crown reserve
- ❖ major user groups include following:
 - Thirlmere-Tahmoor Senior Rugby League;
 - Thirlmere-Tahmoor Junior Rugby League;
 - Thirlmere Touch Football Association;
 - Wollondilly Greyhound Club;
 - 1st Tahmoor Scouts Group;
 - Picton District Youth Club.
- ❖ highly valued but under-resourced community asset;
- ❖ suffers from high levels of use (especially the main playing field);
- ❖ unable to cope with projected increase in recreational demand (population of Thirlmere is growing rapidly);
- ❖ management committee failing to attract involvement and broad support from all user groups;
- ❖ facilities are poorly integrated;
- ❖ sub-surface drainage is required to correct drainage problems affecting main playing field;
- ❖ facilities and public amenities including change-rooms, canteen, toilet block and unsealed carpark are in poor condition;
- ❖ limited controls over vehicular access and parking;
- ❖ football training contributes significantly to over-use of main field;
- ❖ option for development of additional mini-field, primarily as venue for football training, would partially alleviate current over-use of main field;
- ❖ lack of funds has thwarted attempts to improve facilities and public amenities;

- ❖ connection of public toilets to sewer system is desirable as septic tanks and transpiration beds are complicating efforts to improve facilities;
- ❖ fenced greyhound trial track with limited use by members raises issues of exclusivity that need to be addressed, particularly in view of established need for recreational land resources by broader community:
 - multi-use option to develop area for playing fields inside the trial track is supported by all user groups including Wollondilly Greyhound Club (WGC);
 - WGC did not believe there was any insurmountable security or public risk management issues related to multiple use of site;
 - high capital works costs of proposal (incl. flood-lighting, facilities/ amenities sub-surface drainage, grading, soilworks, irrigation and turfing);
 - significant enhancement of recreational and environmental values for broader community use could attract appropriate seed funding through various government sources as well as the local community;
- ❖ lower western portion of reserve (location of 1st Tahmoor Scouts) is relatively isolated from rest of sportsground;
- ❖ public access and circulation is highly fragmented;
- ❖ lower part of reserve contains substantial area of remnant riparian vegetation including Shale/ Sandstone Transition Forest scheduled under TSC Act (1995);
- ❖ bushland provides vital link in contiguous faunal corridor.

3.5 Bargo Sportsground

- ❖ Crown reserve/ Community land
- ❖ major user groups include following:
 - Wollondilly Harness Racing Club;
 - Bargo Yanderra Tennis Club;
 - Wollondilly Junior AFL;
 - Bargo 'Knights' AFL;
 - Yerrinbool- Bargo Soccer Club;
 - Tahmoor Cricket Club;
 - 1st Bargo Scouts.
- ❖ community hall provides facilities for number of community groups and can be hired for functions;
- ❖ sportsground has potential to be promoted and maintained as Wollondilly's major venue for special events:
 - access to community facilities during such events needs to be addressed (use for special events raises issues of potential exclusivity and alienation of public land);
 - sportsground's ability to function as special event venue may be dependent on opportunities to expand beyond the existing boundaries;
- ❖ poor standard of flood lighting on main oval is crucial issue for AFL groups and Yerrinbool/ Bargo Soccer Club who use oval for evening training over winter months;
- ❖ existing rough and uneven condition of playing surface;
- ❖ synthetic cricket pitch on playing surface is major obstacle in Yerrinbool/ Bargo Soccer Club obtaining personal injury cover for their players if ground was to be used as venue for

- ❖ competition matches;
- ❖ demand by two football codes for training and competition is too high for single playing field;
- ❖ need for second playing field under lights;
- ❖ lack of lighting in public toilets is prohibiting evening use of these amenities;
- ❖ poor condition of internal running rail of trotting track requires urgent repairs;
- ❖ direct access to playing field across trotting track needs to be addressed;
- ❖ need for improved co-ordination of trotting track maintenance;
- ❖ collection area for manure and wash bay for horses needs to address environmental issues;
- ❖ site contains remnant Shale/ Sandstone Transition Forest listed under TSC Act (1995);
- ❖ address ad-hoc location of facilities and lack of passive recreation amenities for family orientated activities such as picnics and barbeques;
- ❖ AFL club facilities/ amenities in poor condition;
- ❖ community hall toilets not coping with evening use of playing field;
- ❖ need for more litter bins and regular collection;
- ❖ illegal and inappropriate vehicular access to site needs to be addressed whilst maintaining broad community access to facilities.

3.6 Victoria Park

- ❖ Crown reserve
- ❖ significant trees/ heritage values;
- ❖ use of site for annual show;
- ❖ major user groups include the following:
 - Picton Junior Rugby League;
 - Picton Senior Rugby League;
 - Picton Touch Football Association.
- ❖ very high levels of demand having negative impact on standard of facilities, oval playing surface and reserve's environmental amenity;
- ❖ inability to secure long term lease agreement by clubs/ association over second oval (owned by Picton AH & I Society) has increased the demands and impact on this oval;
- ❖ options for use of other grounds needs to be addressed;
- ❖ football club building and facilities are in poor condition;
- ❖ public toilet facilities are inadequate and in poor condition:
 - southern toilet has no lights;
 - restricted use of AH & I Society toilets;
 - improvements to toilets in football club building and the installation of disabled toilet are not for general public use.
- ❖ improvements and additions to football club building are restricted due to its location in a designated flood prone zone (clubhouse may need to be relocated);
- ❖ floodlighting is not adequate for evening use (need replacement of towers and light fittings);
- ❖ installation of mini-field for juniors on temporary nursery site would partially alleviate current high levels of usage on oval;
- ❖ poor condition/ repair of 'Lach Nicholson Memorial Yards' present public safety and risk management issues;
- ❖ uncontrolled internal vehicular access, circulation and parking causing safety issues during matches and events;

- ❖ public safety and risk management issues relating to steep banks to Stonequarry Creek;
- ❖ facilities for passive recreation activities such as picnics and barbeques need to be addressed, including opportunities for recreational linkages along Stonequarry Creek;
- ❖ current rehabilitation of riparian corridor along Stonequarry Creek;
- ❖ significant trees/ landscape heritage should be given appropriate protection and management.

3.7 Hume Oval

- ❖ Community land
- ❖ 'village green' character of oval;
- ❖ major user groups include the following:
 - Picton Tennis Club
 - Picton Rangers Soccer Club
 - Picton Cricket Association
 - 1st Picton Scouts
- ❖ concern by Picton Tennis Club, Picton Rangers Soccer Club and 1st Picton Scouts regarding the lack of any long term leases for respective facilities and improvements;
- ❖ condition of facilities vary from very good to poor;
- ❖ Picton Tennis Club: continue upgrading tennis facilities including resurfacing further 3 courts, construction of additional shade structures, renovation of existing toilets and erection of new and larger clubhouse with enhanced storage facilities and security;
- ❖ future development of tennis 'complex' should not alienate broad community use of existing public facilities;
- ❖ poor standard of soccer facilities making Hume Oval unacceptable as venue for Federation Cup soccer matches;
- ❖ co-ordination of cross-over period between cricket and soccer competitions;
- ❖ standard of playing surface immediately surrounding synthetic cricket pitch and northern end drainage problems needs to be addressed;
- ❖ Picton Cricket Association has expressed interest in upgrading cricket facilities including installation and maintenance of turf pitch, increasing size of oval and erection of cricket nets;
- ❖ poor landscape quality of north-eastern corner of site needs to be addressed including:
 - demolition of existing derelict basketball court;
 - greater definition of carpark and suitable resolution of surfacing;
 - address drainage problems;
 - poor condition and recent damage to scout hall/ need for a usable area around hall for scout activities;
 - treatment of harsh edge condition along northern boundary.
- ❖ opportunities to improve ad hoc carparking area including provision for over-flow parking;
- ❖ opportunities for integrated passive recreation including shared footpath/ bikepath linking through to existing gravel pathway and Botanic Gardens, picnic areas and barbeques;
- ❖ public safety/ risk management issues and bank erosion need to be addressed regarding informal BMX use on embankment of Stonequarry Creek (investigate need for formalized BMX facilities).

3.8 Wonga Road Reserve (Old Picton Tip Site)

- ❖ Community land
- ❖ former land-fill site/ no existing facilities or improvements;
- ❖ relatively stable fill area (minimal leachates confirmed by Council);
- ❖ relatively unknown community land parcel with outstanding scenic and environmental values associated with steep gorge (Redbank Creek/ Stonequarry Creek);
- ❖ access to site is complicated by rugged topography of gorges and locked gates/ fences at Wonga Road;
- ❖ easiest access point is off Coachwood Crescent;
- ❖ extent of unformed walking tracks through gorges is unknown;
- ❖ weeds dominate open land-fill site;
- ❖ remnant structures on site (former night-soil depot);
- ❖ high level of vandalism and graffiti in caves directly adjacent to Redbank Creek;
- ❖ development of playing fields on the reserve would involve costly rehabilitation works;
- ❖ site's steep topography raises further concerns over suitability and appropriateness of developing active organised recreational infrastructure and facilities;
- ❖ significant passive recreational opportunities (high scenic and environmental values):
 - infrastructure costs associated with developing passive recreation are minimal in comparison with development of playing fields on land-fill sites;
 - development of passive recreation such as walking trails/ picnic areas would not preclude any future development of degraded section of site;
 - potential exists for integrated system of bushwalks particularly along creek-lines linking through to Victoria Park.
- ❖ planned expansion of adjoining Council Dog Pound will significantly increase public exposure of reserve and opportunities for integrated uses and activities;
- ❖ little is known of reserve's biodiversity although gorges are a part of a much larger network of contiguous bushland offering vital faunal corridors for remnant wildlife and opportunities for genetic exchange and renewal;
- ❖ bushland described as Shale/ Sandstone Transition Forest scheduled under TSC Act (1995).

4.0 Basis for Management

4.1 Objectives

The Basis for Management document has the following objectives:-

- ❖ to define the regional context of these sportsgrounds and reserves;
- ❖ to identify the values attached to each of the sportsgrounds and reserves by the community, why they are valued and the importance of each of these values;
- ❖ to determine the role of these sportsgrounds and reserves in the lives of the community and within the greater Wollondilly recreational open space system; and
- ❖ to establish a mechanism for reviewing values in relation to specific issues/ threats and develop opportunities for appropriate management; and
- ❖ to provide a vision for the future of these sportsgrounds and reserves.

4.2 Regional Context

Overview

Wollondilly Shire, located in the south-western portion of the Sydney Basin, is an area of great scenic diversity from rolling hills and productive agricultural land to rugged, deeply dissected plateaus and gorges. Wollondilly Shire is now within the urban-rural fringe of the Sydney metropolitan area and its landscape reflects a combination of small urban centres within a rural landscape.

Infrastructure

This Plan centres on the sportsgrounds and reserves servicing the townships and villages of Picton, Tahmoor, Thirlmere and Bargo. Remembrance Driveway (Old Hume Highway) is the main road linking Picton, Tahmoor and Bargo. Thirlmere Way provides the major link between Tahmoor, Thirlmere and Picton. Picton and Tahmoor are located on the Main Southern Railway. Thirlmere is located on the Picton-Mittagong Loop Line which is no longer in operation.

Population

Between 1986 and 1997, the population of the Picton-Tahmoor-Thirlmere area showed a steady increase with an annual growth rate of 1.6% to 3.2%. In 1997, the population of Wollondilly was estimated at 34,829 (*Picton Tahmoor Thirlmere Strategy*, 1999, p.6). Refer to 4.8 Recreational Values: *Community Profile*.

Pattern of Adjoining Land Ownership

The surrounding land within the study area is relatively fragmented in its ownership. The Picton area outside the township, tends to have larger parcels of land (greater than 40 hectares) reflecting the higher agricultural productivity level of the land. By comparison, the Thirlmere, Tahmoor and Bargo areas, where soils are more marginal, land has been successively divided into much smaller lot sizes averaging two hectares in size (*Picton Tahmoor Thirlmere Strategy*, 1999, p.12). The Picton Tahmoor Thirlmere Strategy (adopted 28 June 1999) aims to protect productive agricultural land from encroaching urban development and minimise conflicts with surrounding land uses. The Strategy will also guide and contain new rural-urban fringe subdivision based on land capability and suitability.

Topography and Scenic Values

The sportsgrounds and reserves are generally located within gently undulating to relatively flat land, with the major exception being Wonga Road Reserve. The most significant topographic features in the study area are the prominent ridges of Razorback Range and those along Redbank Creek as well as the deep gorges of Stonequarry Creek and Bargo River.

The Razorback Range creates a strong physical identity to the local Picton area. This is an area of relatively rich fertile clay loams derived from shales and formed the basis for agricultural development in the area. The visual and environmental qualities of Victoria Park and Hume Oval are heavily influenced by the combined topographic relief, the surrounding rural country-side of undulating hills and the historic character of Picton. It is significant that this gentle rolling landscape is contrasted with the adjoining deeply dissected "wild gorges" of Stonequarry Creek and lower Redbank Creek below Wonga Road Reserve. This is an outstanding landscape of high scenic quality.

By comparison, Thirlmere, Tahmoor and Bargo Sportsgrounds are located on relatively flat to gently sloping land. As in Picton, these areas have been largely cleared in the past but due to the marginal nature of local soils there has been extensive regrowth over the past forty years. Views are far more limited in extent.

Drainage and Catchment

The sportsgrounds and reserves in this Plan all contain local creek systems which drain into the Nepean River (see Table 2: Local Sub-Catchments). Further urbanisation of catchment areas may have a significant impact on drainage and potential flooding (*Picton Tahmoor Thirlmere Strategy*, 1999, p.17). Both Hume Oval and Victoria Park are located within the Stonequarry Creek floodplain and subject to specific development control and riparian vegetation management in accordance with the *Stonequarry Creek Floodplain Management Plan* and *Vegetation Management Plan* (1996).

Urbanisation within these catchments has the potential to further affect water quality, nutrient levels and turbidity as a result of increased stormwater discharge, particularly during storm events. Detention basins and constructed wetlands, gross pollutant traps, energy dissipaters and similar control measures would need to address these issues. Water quality and total catchment management are key values identified in the Sydney Regional Environmental Plan No. 20 and their effective management is highlighted in the objectives of the Picton Tahmoor Thirlmere Strategy.

Table 2: Local Sub-Catchments:

Sportsground/ Reserve	Local Catchment
Tahmoor Sportsground	Myrtle Creek
Wollondilly Pony Club	Myrtle Creek
Riding for the Disabled Association	Myrtle Creek
Thirlmere Sportsground	Matthews Creek
Victoria Park and Hume Oval	Stonequarry Creek
Wonga Road Reserve	Redbank Creek (Stonequarry Creek)
Bargo Sportsground	Upper Hornes Creek

Geology , Soils and Vegetation

Picton and to a lesser extent, Bargo area, have soils derived from Wianamatta Shales of the Ashfield group. The soils associated with the undulating cleared land of Picton are of the Luddenham Soil Type which is a fertile soil but is highly prone to erosion and contains localised instances of moderately reactive subsoils that present a potential movement hazard. Victoria Park and Hume Oval at Picton, located within the alluvial plain and terraces of Stonequarry Creek, originally supported Cumberland Plain Woodland. The banks would have contained a dense 'dry' rainforest-type understorey. There are no longer any remnants of this original natural vegetation in either of these reserves, although the riparian corridors of both areas are now under rehabilitation.

The Thirlmere-Tahmoor area has soils which are less fertile than those within the Picton area. These soils are derived from shallow shale or clay material overlying sandstones, or occur as shale-derived materials which have been washed down over sandstone-derived substrate. It is important to recognize that these soils typically support a distinctive and endangered ecological community described as Shale/ Sandstone Transition Forest (SSTF). The community is scheduled under the Threatened Species Conservation Act. Wollondilly Pony Club/ Riding for the Disabled and Bargo, Thirlmere and Tahmoor Sportsgrounds all support examples of this endangered community.

These plateau areas are surrounded by deeply eroded gorges, which are characterised by Hawkesbury sandstone scarps and outcrops (eg. Wonga Road Reserve). The combination of highly erodible soils and very steep terrain creates a high to extreme soil erosion hazard in these areas. Hawkesbury sandstone, composed of quartz sandstone with minor shale lenses, underlying the shales and clay-loam soils, is exposed within the creek-lines and surrounding gullies. The quartz pebbles of the Hawkesbury sandstone produces shallow, sandy, skeletal soils which are highly permeable and low in nutrient value.

Vegetation in these areas consists of largely uncleared woodland, open forest on the ridges grading to tall open forest on the steep lower slopes and gullies. At Wonga Road Reserve, this vegetation is described as Shale/ Sandstone Transition Forest (SSTF). It is important to recognize that the steep sheltered gullies of Redbank Creek also support small pockets of Western Sydney Dry Rainforest (WSDR), also scheduled as an endangered ecological community (refer to 4.6 Environmental Values).

4.3 Community Values

This Plan takes a values-based approach to planning and management of the sportsgrounds and reserves identified. This approach allows each of these areas' key values, roles and purpose to be identified so that these assets may be protected and enhanced. "Values" can be simply described as "what is important about a place" (NSW Department of Land and Water Conservation/ Manidis Roberts, 1996). Community values and the important issues affecting these values have been identified through the community consultation process (refer to section 3.0 Community Issues and Appendices I-IV).

The process of community consultation has confirmed the high value placed on these sportsgrounds and reserves by the local community. There was a strong response at the public meeting/ workshop and in subsequent focus groups and submissions that each of these areas should be managed in a way that ensures protection and enhancement of recreational and environmental values for the present community as well as for future generations.

The following points identify the values and importance attached to this land by the participants at the public meeting/ workshop, focus groups and submissions:

- 1. Significance placed on Recreational Values by the Community**
Sportsgrounds in this Plan, although retaining significant environmental values and in some cases, cultural and natural heritage values, are overwhelmingly valued for their recreational facilities and opportunities for organised sports.
- 2. Diversity of Opportunities/ Facilities for Sporting Groups**
The importance of these sportsgrounds and respective facilities in servicing a range of local sporting organisations, associations and clubs (including a range of age groups).
- 3. Broad Community Access & Organisation**
Opportunities for sportsgrounds to cater for a broad range of user groups and organisation by respective sporting bodies to optimize obvious spatial limitations and temporal constraints (eg. alternating use of sportsgrounds on week-ends, evening training under lights).
- 4. Social Significance**
These sportsgrounds provide a significant social and community focus and are important in maintaining a sense of community spirit.
- 5. Local Sporting History/ Cultural Significance**
Recreational facilities reflect a local sporting history for each sportsground (eg. AFL/ harness racing/ tennis at Bargo S/G, netball/ soccer/ cricket/ athletics at Tahmoor S/G, rugby league/ greyhound training at Thirlmere S/G, rugby league/ touch football at Victoria Park and soccer/ tennis and cricket at Hume Oval). Type of uses, the user groups and organised sporting activities are not static - they change over time and reflect the growth, decline and dynamics of each sport.
- 6. Opportunities for Developing Representative Level Skills**
These sportsgrounds are valued as places for developing the sporting ability and skills of local children and youth to representative levels. The opportunities to promote future growth of each sport (eg. through juniors/ youth) is highly valued.

7. Other Organised Activities at Sportsgrounds

Most of the sportsgrounds also reflect a broad range of other uses and activities, ancillary to the major activities (eg. events/ shows at Bargo S/G and Victoria Park, scout groups at Thirlmere S/G, Bargo S/G and Hume Oval, community groups at Bargo S/G).

8. Informal Recreational Activities

Informal recreational activities and facilities are also important and well-used (eg. skateboard ramps at Bargo S/G and Tahmoor S/G).

9. Recreational Linkages

Opportunities exist for enhanced recreational linkages (eg. walking, bushwalking, horse-riding on trails), particularly at Wonga Road Reserve and Wollondilly Pony Club/ Riding for the Disabled Association.

10. Environmental and Scenic Values

Wonga Road Reserve (Old Picton Tip Site) is clearly valued for its outstanding environmental and scenic values and its opportunities for passive recreation. This reserve, an old land-fill site, has no formal recreational facilities. Similarly, Wollondilly Pony Club highly values the opportunities for recreational riding within a natural bushland setting and has highlighted the importance of this setting in relation to the overall experience of its riders.

Some of the sportsgrounds (including Tahmoor S/G, Bargo S/G and Thirlmere S/G) together with Wollondilly Pony Club and Wonga Road Reserve have significant remnant bushland and faunal corridors worthy of protection and rehabilitation.

11. Cultural/ Commemorative Heritage

Victoria Park contains a number of significant trees, planted to commemorate local soldiers who died serving in the Boer War and World War 1. Cultural plantings are also associated with the AH & I Society and the Annual Show.

Table 3

Values	Level of Significance													
	Tahmoor S/G		WPC/RDA		Thirlmere S/G		Bargo S/G		Victoria Park		Hume Oval		Wonga Rd Res.	
	Local	Regional	Local	Regional	Local	Regional	Local	Regional	Local	Regional	Local	Regional	Local	Regional
Natural/ Cultural Setting														
combined natural bushland/ cultural setting														
rural/ agricultural landscape character														
scenic values														
Recreational														
broad community access to range of facilities:														
- rugby league/ touch football														
- AFL														
- soccer														
- cricket														
- netball														
- tennis														
- little athletics														
- trotting training														
- greyhound training														
- pony/ horse riding														
- gymnasium/ youth facilities														
- agricultural shows/ festival events														
- vintage car rally														
- dog shows and training														
- scout group activities														
- pre-school kindergarten														
- children's playground														
- skateboard ramp														
public amenities and infrastructure														
recreational linkages														
Social														
social and community focus														
Environmental														
contains endangered ecological community														
riparian vegetation/ creek corridor														
significant faunal habitat & corridor/ linkages														
educational/ scientific values														
Heritage														
natural heritage														
significant cultural/ commemorative plantings														
built heritage														
aboriginal/ indigenous heritage														
														subject to investigation

4.4 Determining Key Values & Level of Significance

Key values associated with each of these sportsgrounds and reserves can be divided into four major categories and form the basis for further evaluation in this section as follows:

- ▶ Natural/ Cultural Setting
- ▶ Environmental Values
- ▶ Heritage Values
- ▶ Recreational/ Social Values

Table 3: Values & Level of Significance assigns each of these values with a significance ranking, based on either a local or regional basis (ie. the Wollondilly/ Campbelltown Camden and Wingecarribee Local Government Areas). None of the identified values are considered of state or national significance.

4.5 Natural/ Cultural Setting

Tahmoor Sportsground

Tahmoor Sportsground (14.64Ha) is located within the rural-urban fringe of Tahmoor village on Thirlmere Way, the major connecting road between Tahmoor and Thirlmere. While Tahmoor Sportsground has a relatively open landscape character dominated by recreational sporting facilities, this site retains substantial areas of remnant bushland, particularly in the western portions adjacent to Myrtle Creek. This vegetation, identified as Shale/ Sandstone Transition Forest, provides an important visual link with Wollondilly Pony Club and a faunal corridor along Myrtle Creek (refer to 4.6 Environmental Values). The sportsground has easy, graded access and extensive informal parking.

Wollondilly Pony Club & Riding for the Disabled Association

Wollondilly Pony Club (5.97Ha) and adjoining "Riding for the Disabled" land (2.96Ha) are located adjacent to Tahmoor Sportsground on Thirlmere Way. The natural setting on gently undulating land is dominated by Myrtle Creek and Shale/ Sandstone Transition Forest which has regenerated since clearing in the 1960's. A large cleared paddock (the arena), adjacent to Thirlmere Way, has been retained for events. A cross-country course (and loop track) is provided through the bushland and traverses a tributary of Myrtle Creek. These two Crown reserves have easy, graded access to all facilities and parking.

Thirlmere Sportsground

Thirlmere Sportsground (8.87Ha) located on the urban-rural fringe of Thirlmere village has a segmented and disjointed landscape character, surrounded largely by residential development. The central open area is dominated by the fenced Greyhound Trial Track. The elevated cleared land near the village contains the sportsfield, associated facilities, cultural plantings and vestiges of remnant natural vegetation. The lower area adjacent to Matthews Creek retains a predominantly natural setting of remnant Shale/ Sandstone Transition Forest. Thirlmere Sportsground has easy access to each of its individual segments. Parking is restricted to the sportsfield area.

Bargo Sportsground

Bargo Sportsground (11.30Ha), located on the urban-rural fringe of Bargo village is a combination of cultural and natural settings with a large sportsfield, harness racing training track and cleared back paddock, a diverse range of facilities and buildings, cultural plantings and remnant Shale/ Sandstone Transition Forest. The site is relatively flat and divided by a small intermittent creek. The southern rear paddock is surrounded by bushland. Bargo Sportsground offers easy access and parking.

Victoria Park

Victoria Park (2.93Ha), located on the urban-rural fringe of Picton, has a predominantly cultural setting defined by the sportsground, facilities and buildings which are shared with the neighbouring AH & I Society. Significant cultural plantings dating from the Boer War and First World War surround the sportsfield. Furthermore, the park's landscape character is influenced by the scenic quality of surrounding hills and agricultural land. An historic railway viaduct provides a backdrop to the sportsground. Stonequarry Creek, although largely cleared of natural vegetation is being rehabilitated with native planting. The site has easy, relatively flat access and carparking.

Hume Oval

Hume Oval (6.36Ha), located within the urban-rural fringe of Picton, is within close proximity to the main commercial centre. The sportsground has a cultural setting and "village green" landscape character amid the backdrop of native and exotic plantings along Stonequarry Creek. The picket-fenced oval, tennis courts, associated facilities and buildings dominate the site. The sportsground is connected to Picton Botanic Gardens via a pedestrian footpath, creating an important recreational precinct. Access and parking is relatively easy though divided into two distinct areas.

Wonga Road Reserve (Old Picton Tip Site)

Wonga Road Reserve (6.73Ha), located on Wonga Road, is a former tip site. Although in part highly modified, this area has an outstanding natural setting adjacent to the deep gorges of Redbank Creek and Stonequarry Creek. The site offers exceptional views. The area though is not well known by the local community and access is difficult. Steep cliffs and highly erodible soils further limit opportunities for public access. While weeds dominate the old tip area, the surrounding natural vegetation, described as Shale/ Sandstone Transition Forest, is significant as an endangered vegetation community, faunal habitat and corridor.

4.6 Environmental Values

Endangered Ecological Communities

Shale/ Sandstone Transition Forest

Shale/ Sandstone Transition Forest (SSTF), as described in the final determination of the Scientific Committee, has been scheduled as an Endangered Ecological Community on Part 3 of Schedule 1 of the Threatened Species Conservation (TSC) Act (1995). Remnants of this community exist at Thirlmere and Bargo Sportsgrounds. A relatively large and contiguous example of this community occurs on the Crown reserves parcels of Tahmoor Sportsground and adjoining Wollondilly Pony Club/ Riding for the Disabled Association.

This community, characterised by the species assemblage listed in paragraph 4 of the Final Determination (see Appendix VI: Final Determinations), occurs on areas transitional between clay soils derived from Wianamatta Shale and the sandy soils derived from Hawkesbury Sandstone on the margins of the Cumberland Plain. All sites are within the Sydney Basin Bioregion and in addition to Wollondilly, occurs or has occurred in the Bankstown, Baulkham Hills, Blue Mountains, Campbelltown, Hawkesbury, Liverpool, Parramatta and Penrith Local Government Areas (LGA's).

A large proportion of areas where SSTF occurred in the past has now been cleared for agriculture and urban development. Remnant examples over much of its former range have been reduced to relatively small areas, scattered and highly fragmented. *The Urban Bushland Biodiversity Survey (1997)*, undertaken by the National Parks and Wildlife Service, states that this vegetation community provides the habitat for a number of native plant species recognised as being of national, state or regional conservation significance.

Clearing, physical damage from recreation, rubbish dumping, grazing, mowing and weed invasion have all been identified as threats to existing stands. Due to the restricted extent of remnant examples of SSTF and the potential for continued clearing and other threatening processes, the community has now been scheduled as an Endangered Ecological Community. In accordance with this listing under the TSC Act (1995), a Draft Recovery Plan is being prepared by the NPWS Threatened Species Unit. In the event of a Development Application, this listing triggers Parts 4 and 5 of the Environmental Planning and Assessment Act (EP&A Act) 1979.

Western Sydney Dry Rainforest

Western Sydney Dry Rainforest (WSDR), as described in the final determination of the Scientific Committee, has been scheduled as an Endangered Ecological Community on Part 3 of Schedule 1 of the Threatened Species Conservation (TSC) Act (1995).

This community, characterised by the species assemblage listed in the Final Determination (see Appendix VI: Final Determinations), is typically associated with gullies and sheltered slopes of hilly, relatively steep sections of the generally elevated Cumberland Plain in the Razorback Range from Cobbitty to Picton, and sporadically elsewhere in Western Sydney including Fairfield City Farm, Grose Vale and Cattai. Small pockets of this community exist in the lower creek-line of Redbank Creek at Wonga Road Reserve.

Tahmoor Sportsground

This sportsground is a former rubbish tip. Most of the site has been cleared of original bushland and developed as turf grass sporting fields or asphalt playing surfaces. The western portion of the site is dominated by a significant parcel of remnant bushland which forms part of a much larger faunal corridor along Myrtle Creek, including adjoining Crown reserve (see *Wollondilly Pony Club/ Riding for the Disabled Association*). This vegetation community, described as Shale/ Sandstone Transition Forest has a high priority for conservation significance. It is scheduled as an Endangered Ecological Community on Part 3 of Schedule 1 of the Threatened Species Conservation Act (1995). Refer to *Shale/ Sandstone Transition Forest* in this section.

This parcel of bushland is likely to be regrowth forest from previous partial clearing/ logging operations and now includes some tall mature canopy trees. The ground and understorey structure has been highly modified or cleared however the community still retains much of the original floristics and structural characteristics. Exotic weed species now dominate the riparian understorey vegetation. This portion of

Myrtle Creek is highly degraded however could be rehabilitated under an appropriately integrated strategy of catchment management and bush regeneration.

It is also important to recognize that the eastern and south-eastern corner of the site, although largely cleared, still contains substantial regrowth of this endangered Shale/ Sandstone Transition Forest with many of the original species still present.

Wollondilly Pony Club/ Riding for the Disabled Association

Most of the site is dominated by a significant parcel of remnant bushland and forms part of the much larger faunal corridor along Myrtle Creek (refer to *Tahmoor Sportsground*). The vegetation community is Shale/ Sandstone Transition Forest and has a high priority for conservation significance. It is scheduled as an Endangered Ecological Community on Part 3 of Schedule 1 of the Threatened Species Conservation Act (1995). The faunal diversity in this bushland corridor is an important part of the riding experience with regular sightings of Bower-birds, Lyre-birds, Black Cockatoos, Lace-monitors, Eastern Water Dragons, Wallabies and many other species. Although there has been no specific bush regeneration undertaken on site, weeds are very restricted in extent and occur mainly within the Myrtle Creek gully area. It is interesting to note the relative intactness of this site compared to the very poor condition of the Tahmoor Sportsground section of this creek immediately upstream.

Thirlmere Sportsground

The upper and mid-sections of this sportsground have been highly modified through past clearing and earthworks. The lower portion of the reserve bordering Matthews Creek retains the greatest area of intact bushland, although recently compromised by sewer corridor and infrastructure works. This part of the reserve contains a substantial area of remnant riparian vegetation, including wetland habitat dominated by Paperbarks. The creek is highly polluted and infested with weed species. The vegetation community is described as Shale/ Sandstone Transition Forest and has a high conservation priority and significance. It is scheduled as an Endangered Ecological Community on Part 3 of Schedule 1 of the Threatened Species Conservation Act (1995). This bushland provides a vital link in a contiguous faunal corridor along this creek-line extending into nearby Lyn Gordon Reserve and through to Cedar Creek.

The balance of Thirlmere Sportsground contains a number of remnant mature and immature indigenous trees from this community but with very little understorey present. The most significant of these remnant stands occur along Mason Street, immediately east of the trial track and the area between the gymnasium and Oak Street. These trees retain important, albeit fragmented habitat values and provide amenity shade for user groups.

Bargo Sportsground

Although largely cleared of its original vegetation, Bargo Sportsground still retains many remnant indigenous tree species, some of which are very large specimens. These trees provide significant visual amenity, shade and habitat values. Open forest cover occurs in a broad swathe south of the oval and along the creek channel from the south-eastern to south-western boundaries. There is very little remnant understorey on the site and the creek-line is dominated by exotic weed species. This modified open forest grades into more dense, intact vegetation particularly along the south-eastern boundary. The open southern "back" paddock of the site adjoins a parcel of largely cleared private land.

This vegetation community, although containing many typical Cumberland Plain shale species such as Forest Red Gum and Grey Box, can be described as Shale/ Sandstone Transition Forest and has a high conservation priority and significance. It is scheduled as an Endangered Ecological Community on Part 3

of Schedule 1 of the Threatened Species Conservation Act (1995). This bushland provides a vital link in a contiguous faunal corridor extending to the Bargo River Gorge to the south-west of the site.

There has also been additional amenity shade tree planting undertaken, particularly in the northern portion of the site using exotic and generic native species.

Victoria Park

The mature planted trees surrounding the perimeter of Victoria Park make a significant contribution to landscape character, shade and public amenity. Many of these trees, are memorial plantings dating from periods following the Boer War and possibly First World War including Plane Trees, Deodar Cedar, Peppercorns, Slash Pine, Loblolly Pine, Chinese Juniper and the native Bunya Pine. Together these trees form an outstanding group of culturally significant specimens worthy of protection and management (refer to 4.7 Heritage Values). The park's steep western banks to Stonequarry Creek and the neighbouring AH & I Society site have also been targeted for riparian re-vegetation and rehabilitation works in recent years.

Hume Oval

The landscape of Hume Oval is largely defined by its cultural ornamental tree plantings and "village green" open space qualities. There is a range of exotic pines and deciduous trees now reaching maturity. Many of the plantings are in formal rows. The poplars along the main gravel footpath form an important visual foil and backdrop to the oval.

The original natural plant communities have all been replaced at Hume Oval. As for Victoria Park, this upper portion of Stonequarry Creek has been highly impacted by past clearing for agricultural, weed invasion and urban development. It is now degraded, polluted and forms a highly modified landscape. The steep banks have been the focus for past rehabilitation efforts and now form a dense canopy of native trees.

Wonga Road Reserve (Old Picton Tip Site)

Whilst there is anecdotal evidence of the reserve's broad environmental values, little is known of its biodiversity. In the absence of any detailed biodiversity surveys it is difficult to determine the significance of vegetation communities, the presence of any threatened species and associated habitat values of bushland in this reserve's gorges. It would appear that the inaccessible nature of the topography and largely unaltered natural vegetation communities would ensure a range of habitat and food sources for many faunal species. Moreover, the deep gorges of this reserve are part of a much larger network of contiguous bushland which offers vital faunal corridors for remnant wildlife and opportunities for genetic exchange and renewal.

Although the catchments of both creeks have been seriously compromised by clearing, agriculture, industrial and residential development, only the creek-lines and lower slopes of the reserve show any degree of modification, weed encroachment and degradation. The Old Picton Tip Site has the highest concentration of exotic weed species. Remnant bushland along the northern and western edges of the old tip, particularly where fill materials have altered the original soils and local hydrology, also have high levels of exotic weed invasion.

The upper eastern and northern escarpments however remain relatively pristine with very little weed growth. The vegetation community is Shale/ Sandstone Transition Forest (SSTF) and has a high conservation priority and significance. It is scheduled as an Endangered Ecological Community on Part 3 of Schedule 1 of the Threatened Species Conservation Act (1995). Furthermore, the creek-lines and lower gorges of Redbank Creek and Stonequarry Creek also contain small lineal stands and localised areas of

Western Sydney Dry Rainforest (WSDR). As for SSTF, this vegetation community also has a high conservation priority and significance. It is scheduled as an Endangered Ecological Community, Part 3 of Schedule 1 of the Threatened Species Conservation Act (1995). Refer to Appendix VI: Final Determinations.

4.7 Heritage Values

Indigenous Heritage

"Over many thousands of years, Aboriginal people have left signs of their occupation of Australia. The reminders of where people lived, where they ate or collected food, how they hunted, their art and their sacred sites are all a special part of Australia's heritage ... [These places] document the lives of Australian indigenous people not only before European settlement, but also the changes wrought by colonialism"

Australian Heritage Commission (1997)

The Gundangurra and D'harawal tribes were the traditional inhabitants of Wollondilly. Their geographical range extended across the southern highlands from Camden to Goulburn and as far west as Katoomba.

The Wollondilly area contains numerous aboriginal sites including axe grinding grooves, engravings, cave art, shelter caves and artefacts (*Thirlmere Lakes National Park Plan Of Management, 1997*). In the past, the area would have encompassed a wide variety of resource opportunities. (*Archeological and Heritage Assessment, Picton Regional Sewerage Scheme, 1995*).

The National Parks and Wildlife Service maintains a Register of Aboriginal Sites for the whole of South Metropolitan district. However, only 18 sites have been recorded within a 10km radius of Picton with the majority being sheltered art sites containing stencilled, painted or drawn motifs. The steep gorges of Redbank Creek and Stonequarry Creek (Wonga Road Reserve) offer the best opportunities for identifying potential sites in this Plan. The inaccessible topography and relative isolation of these gorges may have afforded some protection from past impacts and vandalism to sites.

European Cultural Heritage

The Wollondilly region, particularly Picton, has a well documented colonial history. European settlement dates from the early nineteenth century when the "Cowpastures" rich agricultural potential was realised. Picton, now enjoys broad recognition as a town with strong historic links with its rural and built heritage. Indeed, these cultural heritage values are vital components of the area's tourism economy based primarily on day-trippers from Sydney.

The Wollondilly Local Environmental Plan (LEP) 1991 provides protection to scheduled heritage items. No items within the sportsgrounds or reserves in this Plan are scheduled in the LEP. Heritage listings are currently restricted to items of European cultural (mainly built) heritage and should be expanded to include natural and Aboriginal heritage. There are also vital gaps in these schedules with respect to landscape cultural heritage. Any proposed development within the vicinity of a heritage item must have an assessment prepared detailing the effects on the heritage significance of the item and its setting.

Significant Cultural Plantings

As previously outlined, significant commemorative plantings occur in Victoria Park dating from the end of the Boer War and possibly the First World War. These trees are typical of late nineteenth century and early

twentieth century cultural plantings and as a group, have significant visual, environmental, social and aesthetic values worthy of protection and appropriate management.

Table 4: Schedule of Significant Trees

Common Name	Botanic Name
Bunya Pine	Araucaria bidwillii
Atlas Cedar	Cedrus atlantica
Chinese Juniper	Juniperus chinensis
Stone Pine	Pinus pinea
Slash Pine	Pinus elliottii
Loblolly Pine	Pinus taeda
Plane Tree	Platanus orientalis
English Oak	Quercus robur
Peppercorn Tree	Schinus areira

4.8 Recreation Values

Table 5: Existing Recreation Facilities/ Settings & Activities provides a summary of the range of recreational facilities and opportunities available at each of the sportsgrounds and reserves. Public access for each of the sportsgrounds and reserves is outlined in 3.0 Community Issues with further details provided in Appendix I: Community Issues Discussion Paper.

Community Profile

The *Wollondilly Shire Council Section 94 Contributions Plan - Background Document* (ERM Mitchell McCotter, Nov. 1999) provides details of population growth trends and projections for the Wollondilly area. The relevant items for this Plan are as follows:

- ▶ over the ten year period to 1996, Wollondilly Shire's annual population growth of 2.9% was significantly higher than NSW and Sydney which grew at 1% and 0.9% respectively over this period;
- ▶ strongest growth rates experienced in Wollondilly Shire between 1991-1998 were within the towns and villages of Picton, Tahmoor, Thirlmere and Bargo and accounted for 50% of growth in the LGA;
- ▶ Wollondilly Shire has a significantly higher proportion of children and young people aged 0-14 years than the NSW average;
- ▶ Wollondilly Shire has a below average proportion of people aged over 60 years;
- ▶ the number of people aged 35-49 has steadily increased from 20.6% to 24.8% and is now above the NSW average;
- ▶ a population increase of 9,826 new residents (27%) is forecasted for the period 1999 to 2009 with the projection that 5,334 of these will be accommodated within the Picton Tahmoor Thirlmere Bargo areas.

Table 5: Existing recreational facilities, settings & activities

Facility/ Setting	Activities
<p>Tahmoor Sportsground: Natural/ Cultural Setting 2 soccer fields with lights, mini-athletics track & associated athletics facilities, 2 mini-fields, synthetic cricket pitch, cricket nets [3], 12 netball courts (6 asphalt & 6 grass) 4 with lights, club-house with canteen & change rooms, public amenities, hall with change rooms & common storage, skateboard 'ramp', unsealed access road, sealed carpark with approx. 60 car spaces and unsealed ad hoc parking areas and security fencing to boundary.</p>	<p>regional sports facility, Little Athletics, junior & senior soccer, senior cricket, netball (major venue for local competition involving all ages), school sport, dog obedience classes & annual dog show and skateboarding.</p>
<p>Wollondilly Pony Club/ Riding for the Disabled Assoc: Natural Setting informal setting for horse riding including trails & jumps, clubhouse, toilets (including disabled facilities), yards, equipment sheds, cross-country course, fenced dressage arena/ beginners area, cavaletti lane and open arena (grassed paddock), unsealed access road and carpark, fenced boundary.</p>	<p>WPC activities: pony/ horse riding, rally days [instructional training], inter-club days, zone and regional training days and instructors schools, zone and special event days. RDA: Special facilities/ access to riding for people with disabilities</p>
<p>Thirlmere Sportsground: Natural/ Cultural Setting football field with lights, football mini-field, grass practice netball courts, change rooms, gym, cricket net, canteen, public amenities unsealed access road and ad hoc carparking areas and fenced boundary. <i>Thirlmere Greyhound Trial Track:</i> greyhound facilities including: two starter boxes, mechanical rabbit, holding areas, small public toilet block, security fencing to perimeter. <i>1st Thirlmere Scout Group:</i> scout hall</p>	<p>junior & senior rugby league, touch football, netball training, school sport, boxing/ gym instruction</p> <p>trialing greyhounds</p> <p>organised youth group activities</p>
<p>Bargo Sportsground: Natural/ Cultural Setting main oval with floodlighting, 2 tennis courts & clubhouse, playground, skateboard 'ramp', cricket nets, 'back' paddock, community hall pre-school kindergarten, common storage shed, canteen, change rooms, public amenities, sealed access road/ carpark and unsealed access roads, perimeter security fencing. <i>Wollondilly Harness Racing Club:</i> trotting training track, stalls, wash-down bay, sand yard, storage shed <i>1st Bargo Scout Group:</i> scout hall</p>	<p>Australian Football (junior & senior), junior cricket, tennis, organised community activities, informal recreation, trotting training, annual/ periodic events, swap-meets, 'Envirofest' and gymkhanas.</p> <p>trotting training</p> <p>organised youth group activities</p>
<p>Victoria Park: Natural/ Cultural Setting fenced oval with floodlighting, clubhouse/ canteen, public amenities, seating, unsealed access road, ad hoc carparking, disused tennis courts/ community nursery, old stockyards, perimeter fencing.</p>	<p>junior & senior rugby league, touch football, annual Agricultural Show</p>
<p>Hume Oval: Natural/ Cultural Setting fenced soccer & cricket oval with synthetic pitch, soccer clubhouse with grandstand, change-rooms and storage, informal grassed area, picnic/ BBQ area, footpath/ bikepath adjacent to Stonequarry Creek, unused basketball court, public amenities, seating, sealed/ unsealed road access and carparking. <i>Picton Tennis Club:</i> tennis courts & clubhouse (7 synthetic & 2 asphalt) <i>1st Picton Scout Group:</i> scout hall</p>	<p>junior & senior soccer, cricket, informal passive recreation/ linkages, BMX on creek embankment.</p> <p>major tennis centre: social & competition</p> <p>organised youth group activities</p>
<p>Wonga Road Reserve (Old Tip Site): Natural/ Cultural Setting no existing facilities</p>	<p>informal recreation incl. unleashed dog exercise, bushwalking unstructured childrens' play, environmental study.</p>

Recreational Needs

A recreation needs study for Wollondilly has not been undertaken although a study into the recreational trends of Wollondilly was included in the *Macarthur Regional Recreation Study* (1986). This report found that the current recreational infrastructure in Wollondilly Shire was considered inadequate to address projected population growth. It also stated that the development of regional recreational facilities was poor and that duplication and lack of integration of facilities were important issues.

In addition, the study found that passive recreational needs were not being addressed. Where appropriate, this Plan aims to address recreational needs and specific shortfalls as identified in 3.0 Community Issues and Appendices I-IV. Furthermore, the need exists to update available information in a Recreational Needs Study.

Role of these Sportsgrounds and Reserves

The sportsgrounds and reserves in this Plan form an integral part of Wollondilly Shire's open space system. They are located either within or near townships and villages which are showing the highest levels of population growth in Wollondilly. The same areas have been targeted in the *Picton Tahmoor Thirlmere Strategy* (1999).

Recreational values are closely linked with environmental quality and significance of a place as well as the opportunities, activities and facilities available for public recreation and visitation. Collectively, these sportsgrounds and reserves have a role as significant regional and local community assets within this open space network. As the townships and rural-urban fringe areas continue to increase in population, accordingly there will be an increasing demand for easily accessible sportsgrounds and reserves containing a range of facilities and opportunities for the broader community. A balance will need to be found in the provision of appropriate facilities for active organised sports, informal active recreation and passive recreation.

Managing Organized Recreation Values

As outlined in 4.3 Community Values, the community highly values these sportsgrounds, reserves and recreational facilities for their diversity of opportunities for local sporting organisations, associations and clubs. In order to ensure values are maintained the following need to be addressed in the management strategies:

- ▶ ensure consistency in Crown reserve public purpose;
- ▶ address issues of exclusivity and alienation of Crown reserve;
- ▶ provide an appropriate planning framework for assessing future development, permitted uses, scale, intensity of uses and leases;
- ▶ adequately address current development proposals (eg. Tahmoor Sportsground licensed club facility);
- ▶ ensure greater security of tenure for organised sporting groups and clubs (eg. leases/ licenses);
- ▶ address all safety and risk management issues;
- ▶ provision of adequate funding for maintenance and upkeep of facilities in accordance with s.355 Committees Operations Manual including:
 - replacement of light fixtures on existing floodlighting;
 - ground repairs/ aeration, re-turfing and fertilizing;
 - drainage improvements;

- lighting of toilet facilities for evening training;
- general maintenance and repairs of buildings (including provision for disabled facilities, external painting);
- ▶ support and promotion within organised sporting associations/ clubs to generate their own funding for facilities improvements;
- ▶ support in seeking other government funding and grants;
- ▶ investigate opportunities to reduce peak loadings/ over-use of playing fields, particularly:
 - Victoria Oval (AH & I Society oval/ development of "mini-field" on old tennis courts and options for alternate venues/ reduced use);
 - Thirlmere Sportsground (possible future multiple use of Greyhound Trial Track/ new playing field and second "mini-field" option);
 - Bargo Sportsground ("back" paddock options as a second playing field or for special events such as swap-meets);
 - Hume Oval (extensions to oval).
- ▶ encourage broad community and multiple use of sportsgrounds but ensure that these uses do not unduly compromise use by other groups, particularly senior/ representative level competition;
- ▶ investigate spatial and temporal options for reducing user group conflicts (eg. location of athletics equipment/ cricket ground);
- ▶ address improvements to public access, particularly vehicular access and improved control over ad hoc parking;
- ▶ address requirements for cricket pitches on multiple use grounds;
- ▶ investigate opportunities for rationalization of facilities on sportsgrounds (eg. replace many small toilet blocks, storage areas, change-rooms with larger combined facilities);
- ▶ address quality and lack of seating, shade and litter bins at sportsgrounds.

Managing Informal Recreation Values

The orientation of sportsgrounds towards organized sporting activities should not reduce or exclude any opportunities available for informal, passive recreation. Opportunities to enhance these values include the following:

- ▶ continue to maintain and develop existing facilities, providing a social focus for children and youth of varying age groups (playgrounds, skateboard/ mountain bike ramps, BMX tracks);
- ▶ ensure future facilities are site-specific and address the needs of user groups;
- ▶ provide facilities to address identified need for BMX/ mountain-bikes;
- ▶ address land suitability, safety and risk management issues (eg. informal BMX tracks at Hume Oval);
- ▶ encourage opportunities for enhanced horse/ pony trails, linked via an integrated open space network, particularly through the use of riparian/ bushland corridors (eg. Myrtle Creek, Redbank Creek and Bargo River corridors);
- ▶ investigate opportunities for multiple use linkages (eg. combined pathways for

- pedestrian/ cyclists) between Bargo-Tahmoor-Thirlmere and Picton, particularly where slopes are less than 10% (refer to Cycleway Study, 1993);
- ▶ encourage development of low-key pedestrian/ bushwalking track to access and link areas of outstanding scenic, environmental and cultural heritage values (eg. Wonga Road Reserve);
- ▶ investigate feasibility of access and linkages between Wonga Road Reserve and Victoria Park;
- ▶ investigate "self-funding" opportunities for appropriate recreational development/ facilities at Wonga Road Reserve (eg. "pitch and putt" golf range) and opportunities for integration with adjoining Council Dog Pound site (eg. community nursery, companion animal recreation/ dog obedience classes or pony club).

4.9 Vision Statement for Wollondilly Sportsgrounds and Reserves

Wollondilly Shire Council recognizes the importance placed on the area's recreational, environmental and heritage values by the community and has identified the need for appropriate planning as a priority for Council in the Management Plan: 1999-2002 .

Wollondilly Shire Council has established the following Purpose Statement:

"To create opportunities in partnership with the community, to enhance the quality of life and the environment, by managing growth and providing sustainable services and facilities of the highest quality".

A vision statement defines a guiding purpose for these sportsgrounds and reserves. It is a statement which describes the way the community wants to see values protected, managed and enhanced for enjoyment by people today and for future generations.

The following statement provides a vision for these sportsgrounds and reserves which will form the basis of management strategies as developed in the next section of this Plan:

"To maintain and enhance these sportsgrounds and reserves' role as significant recreational, natural and cultural assets in the Wollondilly open space system, ensuring protection and conservation of identified values through appropriate management, in a way which best meets the environmental, recreational, educational and social needs of the present community and future generations".

5.0 Management Strategies

5.1 Objectives

The Management Strategies document has the following objectives:-

- ❖ to formulate management strategies (ie. desired outcomes);
- ❖ to ensure consistency with core objectives for community land categories;
- ❖ to develop means of achievement (ie. management actions);
- ❖ to provide means of assessment (of the actions);
- ❖ to assign priorities for each of the performance targets; and
- ❖ to develop a masterplan and capital works programme for implementation.

5.2 Desired Outcomes

This section of the Plan provides the framework for protection and management of values identified in 4.0 Basis for Management. The vision statement (refer to 4.9 Vision Statement for Wollondilly Sportsgrounds and Reserves) provides the basis for developing appropriate "guiding principles" or "desired outcomes" for their management. These are summarized as follows:

- ❖ to establish an appropriate land management framework for these Crown reserves and community land;
- ❖ to establish guidelines for assessing development proposals and impacts;
- ❖ to establish guidelines for assessing leases, licenses and other estate;
- ❖ to protect and enhance the sportsgrounds/ reserves' natural/ cultural setting and promote environmentally sustainable management practices;
- ❖ to maintain and enhance the sportsgrounds/ reserves' recreational uses, facilities, public access and amenities;
- ❖ to protect and enhance the sportsgrounds/ reserves' heritage values (as applicable).

5.3 Leases, Licenses and Other Estates

Crown land

The Department of Land and Water Conservation (DWLC) policy on Crown land leases and licenses states that there must be consistency with the reservation's public purpose. Public access and equity must be preserved. Activities, services and facilities on Crown land should have benefits for the broad community (ie. public use on a public reserve where the community as a whole has ownership). Any proposed leases, licenses or development should not over commercialize or alienate the reserve in any way. Areas which may designate or imply exclusive use are unacceptable. However, a reasonable entry fee or equitable pricing for facilities is not considered a barrier to public access.

Community Land

A lease, license or estate may be granted, in accordance with an express authorisation by this plan of management, providing the lease, license or estate is for a purpose prescribed in s.46 of the Act and is consistent with the core objectives for these categories. Council must not grant a lease, license or other estate for a period (including any period for which the lease could be renewed by the exercise of an option) exceeding 21 years. A lease, license or other estate may be granted only by tender in accordance with s.46A of the Act and cannot exceed a term of 5 years (including any period for which the lease could be renewed by the exercise of an option), unless it satisfies the requirements as scheduled in s.47, or is otherwise granted to a non-profit organisation. Leases, licenses and other estates complying with the 5 year term, are subject to the requirements as scheduled in s. 47A of the Act. Leases, licenses and other estates must not be granted in respect of land categorised as a natural area, unless it is for a purpose prescribed in s.47B of the Act.

5.4 Core Objectives

Desired Outcomes need to be consistent with the community land categories and sub-categories and their respective core objectives (refer to section 2.0 Land Description & Planning: 2.6 *What are Community Land "Categories?"*). These categories are as follows :

Tahmoor Sportsground

- ▶ Sportsground
- ▶ Natural Area: bushland

Bargo Sportsground

- ▶ Sportsground
- ▶ General Community Use
- ▶ Natural Area: bushland
- ▶ Natural Area: watercourse

Hume Oval

- ▶ Sportsground
- ▶ Park
- ▶ General Community Use
- ▶ Natural Area: watercourse

Wonga Road Reserve (Old Picton Tip Site)

- ▶ Park
- ▶ Natural Area: bushland
- ▶ Natural Area: watercourse

In accordance with the Local Government Act 1993 and Local Government Amendment (Community Land Management) Act 1998, each category and sub-category are provided with a set of core objectives as follows:

Sportsground

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

- a) to encourage, promote and facilitate recreational pursuits in the community involving organised and informal sporting activities and games, and;
- b) to ensure that such activities are managed having regard to any adverse impact on nearby residences".

General Community Use

"The core Objectives for management of community land categorised as **general community use** are:

To promote, encourage and provide for the use of the land, and to provide facilities on the land, to meet the current and future needs of the local community and of the wider public:

- a) in relation to public recreation and the physical, cultural, social and intellectual welfare or development of individual members of the public, and;
- b) in relation to purposes for which a lease, licence or other estate may be granted in respect of the land (other than the provision of public utilities and works associated with or ancillary to public utilities)".

Park

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

- a) to encourage, promote and facilitate recreational, cultural, social & educational pastimes and activities, and;
- b) to provide for passive recreational activities or pastimes and for the casual playing of games, and;
- c) to improve the land in such a way as to promote and facilitate its use to achieve the other core objectives for its management".

Natural Area

"The core objectives for management of community land categorised as a **natural area** are:

- a) to conserve biodiversity and maintain ecosystem function in respect of the land, or the feature or habitat in respect of which the land is categorised as a natural area, and;
- b) to maintain the land, or that feature or habitat, in its natural state and setting, and;

- c) to provide for the restoration and regeneration of the land, and;
- d) to provide for community use of and access to the land in such a manner as will minimise and mitigate any disturbance caused by human intrusion, and;
- e) to assist in and facilitate the implementation of any provisions restricting the use and management of the land that are set out in a recovery plan or threat abatement plan prepared under the Threatened Species Conservation Act 1995 or the Fisheries Management Act 1994, and in compliance with the requirements of the Local Government (Community Land Management) Act 1993- Sect 36A Community Land comprising the habitat of endangered species and 36B Community land comprising the habitat of threatened species".

Natural Area: Bushland

"The core objectives for management of community land categorised as **bushland** are:

- a) to ensure the ongoing ecological viability of the land by protecting the ecological biodiversity and habitat values of the land, and flora and fauna (including invertebrates, fungi and micro-organisms) of the land and other ecological values of the land, and;
- b) to protect the aesthetic, heritage, recreational, educational and scientific values of the land, and;
- c) to promote the management of the land in a manner that protects and enhances the values and quality of the land and facilitates public enjoyment of the land, and to implement measures directed to minimising or mitigating any disturbance caused by human intrusion, and;
- d) to restore degraded bushland, and;
- e) to protect existing landforms such as natural drainage lines, watercourses and foreshores, and;
- f) to retain bushland in parcels of a size and configuration that will enable the existing plant and animal communities to survive in the long term, and;
- g) to protect bushland as a natural stabiliser of the soil surface".

Natural Area: Watercourse

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

- a) to manage watercourses so as to protect the biodiversity and ecological values of the instream environment, particularly in relation to water quality and waterflows, and;
- b) to manage so as to protect the riparian environment, particularly in relation to riparian vegetation and habitats and bank stability, and;
- c) to restore degraded watercourses, and;
- d) to promote community education, and community access to and use of the watercourse, without compromising the other core objectives to the category".

5.5 Development on Community Land

Section 47E of the Act has specific requirements for permissible development on community land as follows:

- 1) "No power of a council under an environmental planning instrument to consent to the carrying out of development on community land may be delegated by the council, if:

- a) the development involves the erection, rebuilding or replacement of a building (other than a building exempted by or under subsection (2) from the operation of this paragraph), or;
 - b) the development involves extensions to an existing building that would occupy more than 10 per cent of its existing area, or;
 - c) the development involves intensification, by more than 10 per cent, of the use of the land or any building on the land, or;
 - d) the location of the development has not been specified in the plan of management applying to the land and the development is likely, in the opinion of the council, to be unduly intrusive to nearby residents.
- 2) The following buildings are exempt from the operation of subsection (1) (a):
- a) toilet facilities;
 - b) small refreshment kiosks;
 - c) shelters for persons from the sun and weather;
 - d) picnic facilities;
 - e) structures (other than accommodations for spectators) required for the playing of games or sports;
 - f) playground structures;
 - g) work sheds or storage sheds;
 - h) buildings of a kind prescribed by the regulations.
- 3) An existing area referred to in subsection (1) (b) does not include the area of any awning, balcony, verandah or other thing that extends beyond the main structural outline of the building.
- 4) A delegation granted before the commencement of this section, to the extent that the delegation could not have granted if this section had been in force at the time it was granted, is void".

5.6 Leases, licences or other estates in respect of a natural area

Specific requirements in relation to community land categorised as a natural area, under s. 47B of the Local Government Act, are scheduled as follows:

- 1) "A lease, licence or other estate must not be granted, in respect of community land categorised as a natural area:
 - a) to authorise the erection or use of a building or structure that is not a building or structure of a kind prescribed by this section of the regulations, or;
 - b) to authorise the erection or use of a building or structure that is not for a purpose prescribed by this section or the regulations.
- 2) A lease, licence or instrument granting any other estate is void to the extent that its provisions are inconsistent with this section.

- 3) In this section, erection of a building or structure includes rebuilding or replacement of a building or structure.
- 4) The following buildings and structures are prescribed for the purposes of subsection (1) (a):
 - a) walkways;
 - b) pathways;
 - c) bridges;
 - d) causeways;
 - e) observation platforms;
 - f) signs.
- 5) The following purposes are prescribed for the purposes of subsection (1) (b):
 - a) information kiosks;
 - b) refreshments kiosks (but not restaurants);
 - c) work sheds or storage sheds required in connection with the maintenance of the land,
 - (d) toilets or rest rooms".

For further details, refer to the respective sportsground or reserve in the following Management Strategies tables. These tables are scheduled in the following order:

- ❖ Tahmoor Sportsground (sheets 1-10)
- ❖ Wollondilly Pony Club/ Riding for the Disabled Association (sheets 1-4)
- ❖ Thirlmere Sportsground (sheets 1-4)
- ❖ Bargo Sportsground (sheets 1-7)
- ❖ Victoria Park (sheets 1-5)
- ❖ Hume Oval (sheets 1-5)
- ❖ Wonga Road Reserve (sheets 1-5)

5.7 Action Plans & Capital Works Programmes

An Action Plan defines the "means of achievement" (Management Actions) in response to desired outcomes and core objectives (refer to the following Management Strategies tables). The "means of assessment" provide a system of checks and balances to assess actions and performance. Priorities are assigned according to the specific action's relative importance. These priorities are further developed in the 5-year capital works programme (refer to Works Schedule and Opinion of Probable Landscape Construction Costs).

5.8 Masterplans

Refer to the Executive Summary for the masterplans and specific actions for each sportsground or reserve (Figures ES 1-8).

Management Strategies

Tahmoor Sportsground

Performance Target (strategies)	Item	Means of Achievement (Management Actions)	Means of Assessment (of the actions)	Priority
<p>Desired Outcome: To establish an appropriate land management framework for this sportsground [incl. community land and Crown reserve]</p> <p>Core Objectives: Management of Community Land categorised as a sportsground (36F)</p> <p>a.) to encourage, promote and facilitate recreational pursuits in the community involving organised and informal sporting activities and games, and</p> <p>b.) to ensure that such activities are managed having regard to any adverse impact on nearby residences.</p> <p>Core Objectives: Management of Community Land categorised as bushland (36J)</p> <p>a.) to ensure the ongoing ecological viability of the land by protecting the ecological biodiversity and habitat values of the land, the flora and fauna (including invertebrates, fungi and micro-organisms) of the land and other ecological values of the land, and;</p> <p>b.) to protect the aesthetic, heritage, recreational, educational and scientific values of the land, and;</p> <p>c.) to promote the management of the land in a manner that protects and enhances the values and quality of the land and facilitates public enjoyment of the land, and to implement measures directed to minimising or mitigating any disturbances caused by human intrusion, and;</p> <p>d.) to restore degraded bushland, and;</p> <p>e.) to protect existing landforms such as natural drainage lines, water courses and foreshores, and;</p> <p>f.) to retain bushland in parcels of a size and configuration that will enable the existing plant and animal communities to survive in the long term, and;</p> <p>g.) to protect bushland as a natural stabiliser of the soil surface.</p>				
natural/cultural setting	A1	Expand existing Crown reserve parcel's designated public purpose from "Public Recreation" to "Public Recreation and Environmental Protection".	Broader recognition and protection of all reserve values (incl. recreational, social, ecological and biodiversity values)	High
	A2	No Licensed Club Facility at Tahmoor S/G [option 3] no further changes other than item A1.	as in item A1	High
	A3	Investigate future options for rationalizing and upgrading sporting facilities to address existing and future user group demand [see items E1-E17].	Community and recreational needs addressed.	High ongoing
	A4	Provide appropriate protection and management to endangered ecological communities as scheduled under the Threatened Species Conservation Act [see items D1-D9].	Subject land provided appropriate protection and conservation status under the land management objectives of this Plan.	High ongoing
<p>Desired Outcome: To establish guidelines for assessing development proposals and impacts</p> <p>Core Objectives: Management of Community Land categorised as a sportsground (36F) and bushland (36J)</p>				
to ensure thorough community consultation in any development proposals	B1	- continue to promote an open, community-based consultative process with all development proposals in this reserve.	- level of community consultation used in any new development within reserve	High ongoing
	B2	- ensure consistency with the Crown Lands Act, the Department of Land and Water Conservation policy guidelines, case law, the Local Government Act 1993 and Local Government Amendment [Community Land Management] Act 1998, including Core objectives for community land, Council's adopted LEP, Council policy and all other relevant legislation.	- number and % of changes to area not consistent with relevant legislation and policy	High ongoing

Management Strategies
Tahmoor Sportsground (continued)

Performance Target (strategies)	Item	Means of Achievement (Management Actions)	Means of Assessment (of the actions)	Priority
<p>Desired Outcome: To establish guidelines for assessing development proposals and impacts [continued] Core Objectives: Management of Community Land categorised as a sportsground (36F) and bushland (36J)</p>				
<p>natural/cultural setting</p>	<p>- to promote and enhance reserve values in accordance with expanded Public Purpose for Crown reserve</p>	<p>B3</p> <p>Development proposals within the reserve must address the following:</p> <ul style="list-style-type: none"> - environmental sustainability; - protection of identified values; - demonstrate a clear connection with the reserve's public purpose; - adequately provide for public access, equity and broad community use of Crown reserve and community land; - ensure consistency with character and scale of existing recreational facilities and intensity of use; - ensure minimal site disturbance within and adjoining building footprint; - enhance public safety, security, recreational amenity and use of reserve; - minimize traffic hazards and pedestrian conflict in relation to vehicular access, car parking, service and delivery areas; - ensure appropriate indigenous planting/ screening in accordance with site specific environmental constraints; - maintain and enhance recreational amenity and public safety. 	<p>- number and % of proposed developments that address and adhere to development guidelines</p> <p>- measure trends over time</p>	<p>High ongoing</p>
	<p>- to protect and enhance identified values</p>	<p>B4</p> <p>Development proposals within the reserve which may directly or indirectly threaten the natural/ cultural setting or other values are not permissible.</p>	<p>- as above</p>	<p>High ongoing</p>
	<p>- to protect endangered ecological communities from inappropriate development and uses</p>	<p>B5</p> <p>Development and uses which may adversely impact on vegetation which is scheduled under the TSC Act are not permissible.</p>	<p>- as above</p>	<p>High ongoing</p>
	<p>- to address current development options for a licensed club facility on part of the Crown reserve</p>	<p>B6</p> <p>No Licensed Club Facility at Tahmoor SIG [option 3] Existing 'Hall' Car parking area: upgrade existing facilities. Main Vehicular Entry to Sportsground: no changes to location/ rationalize vehicular circulation and parking [see item E11]. Provide additional security Lighting: refer to item E12.</p>	<p>- works implemented subject to funding</p> <p>- works implemented subject to funding</p> <p>- maintenance and upgrades in accordance with s.355 Operations Manual and funding</p>	<p>Medium</p> <p>Medium</p> <p>Medium ongoing</p>

Management Strategies
Tahmoor Sportsground (continued)

Performance Target (strategies)	Item	Means of Achievement (Management Actions)	Means of Assessment (of the actions)	Priority
<p>natural/ cultural setting</p> <p>Desired Outcomes: To establish guidelines for assessing leases, licences and other estate</p> <p>Core Objectives: Management of Community Land categorised as a sportsground (36F) and bushland (36J)</p> <ul style="list-style-type: none"> - to protect reserve's values and role from inappropriate leases, permits and commercial activities 	C1	<p>Ensure that all leases/ licences and permits for commercial activities or non-profit community or educational activities are in accordance with:</p> <ul style="list-style-type: none"> - Crown policy, adopted Council policy and permitted uses - operation of activity is consistent with reserve's values and core objectives - Development guidelines as outlined in this Plan [see items B1-B5]. 	<ul style="list-style-type: none"> - number of leases/ licences and permits approved in accordance with this Plan. - measure trends over time 	High ongoing
	C2	<p>Conduct thorough consultation with the Department of Land and Water Conservation in the drafting of new lease agreements affecting Crown land.</p>	<ul style="list-style-type: none"> - leases prepared in accordance with DLWC policy 	Medium ongoing
	C3	<p>Investigate options for establishing lease/ licence agreements with clubs and associations at this sportsground.</p>	<ul style="list-style-type: none"> - investigation completed and recommendations implemented 	Medium ongoing
	C4	<p>This Plan of Management expressly authorizes the leasing/ licencing or granting of any other estate over the land, subject to the provisions outlined in items C1-C2 above and the following:</p> <p><i>Leases on Crown reserve:</i></p> <p>that the permitted use is consistent with the reserve's public purpose and the requirements of the Crown Lands Act.</p> <p><i>Leases/ licenses on Community Land:</i></p> <p>that the permitted use is consistent with the core objectives for identified categories of community land, in accordance with the requirements of the Local Government Act s.46A, 47A, 47B and 47E.</p>	<ul style="list-style-type: none"> - lease[s] granted in accordance with this Plan - leasing/ licencing or any other estate granted in accordance with this Plan. 	High ongoing
	C5	<p>Easements in relation to Community Land:</p> <p>This Plan of Management expressly authorises the granting of easements over the land for the purpose of providing pipes, conduit or other connections under the surface of the ground. This is limited to easements that connect land adjoining community land to an existing water, sewer, drainage or electrical facility of Council or other public utility provider located on Community land.</p>	<ul style="list-style-type: none"> - number of easements granted in accordance with Plan 	Medium ongoing

Management Strategies Tahmoor Sportsground (continued)

	Performance Target (strategies)	Item	Means of Achievement (Management Actions)	Means of Assessment (of the actions)	Priority
environmental	<p>Desired Outcome: To maintain and enhance the sportsground's recreational uses, facilities, public access and amenities</p> <p>Core Objectives: Management of Community Land categorised as a sportsground (36F) and bushland (36J)</p> <p>Environmental Management</p> <ul style="list-style-type: none"> - to address conservation significance of native flora and fauna and ensure long term protection and viability - to establish objective limits on the type and amount of acceptable change imposed on the natural/ cultural setting - to implement actions which will restrict incremental impacts - to control and manage weed species and facilitate regeneration of native species - to adequately address stormwater and catchment management issues - to enhance cultural landscape amenity and shade 				
		D1	Protect, consolidate and rehabilitate Shale/ Sandstone Transition Forest [incl. all understorey shrubs, vines, grasses, groundcovers and all partially cleared remnant vegetation] as scheduled under the TSC Act 1995.	- no net loss of endangered community	High ongoing
		D2	Protect and consolidate existing remnant stands of native trees using temporary fencing and modifying current mowing/ maintenance regime.	- % of fragmented forest showing understorey/ seedling regeneration over 5 year period	Medium ongoing
		D3	Promote measures to protect and consolidate vital faunal corridors along Myrtle Creek [including adjoining Crown reserve].	Subject land provided appropriate protection and conservation status under the land management objectives of this Plan.	High ongoing
		D4	Ensure appropriate regeneration and rehabilitation of disturbed remnant bushland in the south-eastern corner of the reserve [see items D1-D2]	- % of disturbed area regenerated/ rehabilitated over 5 years	High ongoing
		D5	Develop an integrated strategy in fire hazard management, catchment/ weed management and bush regeneration.	- co-ordinated implementation of the environmental strategy	High ongoing
		D6	Support the development of a local volunteer 'landcare' network and efforts to regenerate the riparian corridor along Myrtle Creek.	- number of 'landcare' volunteers/ reserve area under rehabilitation/ regeneration	High ongoing
		D7	Continue to improve local catchment management by reducing level of pollutants, rubbish, nutrients/ pesticides and weeds entering creek [ie. installation of GPTs, sedimentation/ wetland basins, regular maintenance of structures]. Monitor changes to Myrtle Creek including increased gully erosion, altered drainage alignment/ flow patterns and water quality.	- number and type of catchment management initiatives implemented within upper catchment over 5 year period	High ongoing
		D8	Continue community education programme to address dumping of rubbish and garden refuse within the reserve and adjoining road verges.	- % change to management problems investigated	High ongoing
		D9	Plant additional local indigenous trees along central corridor of the site, the southern boundary and north-eastern boundary to enhance the sportsground's visual and environmental amenity. Consider use of some exotic ornamental species within central corridor.	- number and species of trees planted/ survive after five years	Medium ongoing
recreation	<p>Recreation/ Visitor Management</p> <ul style="list-style-type: none"> - to develop a strategy which will respond to increasing regional demands on recreation facilities and manage multi-use of existing playing fields 	E1	<p>Existing Main Playing Fields</p> <p>[2 full-sized soccer fields and 3 mini-fields]</p> <ul style="list-style-type: none"> - continue to maintain playing surface for multi-uses [senior/ junior soccer and kennel club] - continue to upgrade floodlighting for evening training/ dog shows ensuring minimal light spillage to adjoining residents' properties 	<ul style="list-style-type: none"> - regular seasonal maintenance/ upgrades implemented in accordance with sec.355 Operations Manual - monitor changes in complaints/ satisfaction by user groups 	<p>Medium ongoing</p> <p>Medium ongoing</p>

Management Strategies

Tahmoor Sportsground (continued)

	Performance Target (strategies)	Item	Means of Achievement (Management Actions)	Means of Assessment (of the actions)	Priority
recreational facilities, access & circulation	<p>Desired Outcome: To maintain and enhance the sportsground's recreational uses, facilities, public access and amenities</p> <p>Core Objectives: Management of Community Land categorised as a sportsground (36F) and bushland (36J)</p> <p>Recreation/ Visitor Management [cont'd]</p> <ul style="list-style-type: none"> - to develop a strategy which will respond to increasing regional demands on recreation facilities and reduce current over-use of existing playing fields - to develop opportunities for multi-use of playing fields and ensure a sustainable level of use - to improve and maintain playing surfaces and floodlighting - to assist user groups in improving recreational facilities - to review options for generating funding to sporting clubs/ associations for improved recreational facilities - to enhance opportunities for public access, circulation and linkages for a range of user groups (eg. people with disabilities, frail, aged, children, strollers, etc) - to enhance opportunities for passive informal and family-based recreation (incl. BMX, bikepaths and pony trails) - to address visitor orientation and facilitate public access 	E1 [cont'd]	<p>Existing Main Playing Fields [cont'd]</p> <ul style="list-style-type: none"> - construct 1.2 metre high post and rail fence with PVC-coated chainwire mesh panels along perimeter adjoining access road and carparks. Provide pedestrian entry points @ approx. 30 metres centres. 	- capital works implemented subject to funding	High
		E2	<p>Little Athletics Field, Cricket Pitch & associated Facilities</p> <ul style="list-style-type: none"> - Continue to upgrade athletics track, playing field and cricket pitch: - no relocation of Little Athletics field - relocate existing long jump sand pits to eastern side of Little Athletics field 	- regular seasonal maintenance/ upgrades implemented in accordance with sec.355 Operations Manual	Medium ongoing
		E3	<p>Netball Courts</p> <ul style="list-style-type: none"> - Maintain 6 X existing asphalt netball courts and lighting [4 courts]. Continue to upgrade association's netball courts, lighting and facilities. Investigate extensions to existing clubhouse, future development of up to five additional netball courts at the eastern end of existing courts and sealing of the six grass courts. 	- regular seasonal maintenance/ upgrades implemented in accordance with sec.355 Operations Manual	Medium ongoing
		E4	<p>Public Access, Circulation and Signage</p> <ul style="list-style-type: none"> - Continue to improve quality of public access, recreational linkages and pedestrian circulation, providing an integrated system of pathways. Provide easy, graded access to all recreational facilities and amenities. 	- capital works implemented subject to funding	Medium ongoing
		E5	<ul style="list-style-type: none"> - Investigate opportunities to construct an informal shared pedestrian/ bikepath circuit around perimeter of playing fields in a compacted decomposed granite finish and linking to sporting facilities, amenities and the main entry. 	- capital works implemented subject to further investigation and funding	Medium
		E6	<ul style="list-style-type: none"> - Investigate opportunities to construct shared concrete pedestrian/ bikepath along Thirlmere Way linking the sportsground to Tahmoor and Thirlmere. 	- capital works implemented subject to further investigation and funding	Medium
		E7	<ul style="list-style-type: none"> - Investigate opportunities for pony-trail linkages and circulation along the Myrtle Creek corridor and adjoining Pony Club/ Association. 	- capital works implemented subject to further investigation and funding	Medium
		E8	<ul style="list-style-type: none"> - Rationalize existing regulatory signage/ develop an integrated signage system. Install sportsground/ facilities identification signage at the main vehicular entry and all carparks. Install directional signage to recreational facilities. 	- capital works implemented subject to funding	Medium ongoing

Management Strategies Tahmoor Sportsground (continued)

Performance Target (strategies)	Item	Means of Achievement (Management Actions)	Means of Assessment (of the actions)	Priority	
recreational facilities, access & circulation	Desired Outcome: To maintain and enhance the sportsground's recreational uses, facilities, public access and amenities				
	Recreation/ Visitor Management [cont'd] - to enhance opportunities for informal active recreation and address recreational needs of youth	E9	Existing Skateboard Facility Integrate existing skateboard facilities with family-oriented passive recreation opportunities [incl. seating, picnic tables/ shelters, BBQ facilities and bikepath/ BMX circuit]. Enhance environmental/ visual qualities [see item D9]. Investigate opportunities for upgrading existing skateboard facility: - construct footpath linking existing carpark to proposed bikepath via skateboard ramp - install additional seating around skateboard ramp - review opportunities for upgrading facility to cater for more advanced and specialist manoeuvres.	- capital works implemented subject to further investigation and funding	Medium ongoing
		E10	Proposed BMX Circuit Investigate opportunities to establish formalized BMX circuit track [in eastern portion of site] as part of an integrated active/ passive recreation area: - protect all remnant and regrowth vegetation [scheduled under TSC Act] - design/ construct track as an asset with regional competition/ club status - compacted FCR/ gravel surface with super-elevated corners and jumps - provide adequate landscaping - opportunities for hiring/ bookings for casual use [eg parties] - investigate multi-use opportunities [incl. use of eastern portion of reserve as an unleashed dog exercise area when BMX track is not in use].	- capital works implemented subject to further investigation and funding	High
	- to rationalize existing internal vehicular access, circulation and parking - to address health, safety and risk management issues - to provide adequate off-street parking and security lighting	Vehicular Access and Carparking Formalize vehicular access off Thirlmere Way with sealed road and kerbing. Install speed humps. Control ad hoc parking and address safety/ risk management and health issues. Provide threshold treatment/ slow-point and median strip at main vehicular entry.		- works implemented subject to investigation and funding	Medium
		E12	Provide additional security lighting along access road and carpark areas [see item B6].	- works implemented subject to investigation and funding	Medium
		E13	Re-grade and surface eastern carpark [next to skateboard ramp] in compacted decomposed granite finish [approx 25 car spaces]: - re-align existing post and rail fence - ensure gates are locked at sunset to reduce vandalism	- works implemented subject to investigation and funding	Medium

Management Strategies

Tahmoor Sportsground (continued)

	Performance Target (strategies)	Item	Means of Achievement (Management Actions)	Means of Assessment (of the actions)	Priority	
recreation & access	Desired Outcome: To maintain and enhance the sportsground's recreational uses, facilities, public access and amenities					
	Recreation/ Visitor Management (cont'd) - to address the needs of recreational user groups in the provision of facilities and amenities - to provide an appropriate level of maintenance for facilities and amenities - to continue process of facilities rationalization - to assist user groups in improving recreational facilities	E 14	Public Amenities, Change-rooms, Storage and Security Continue to liaise with management committee [MC] in the provision, maintenance and upgrading of existing public amenities, clubhouse/ change-rooms, storage and security.	- works implemented subject to investigation and funding - monitor changes and trends over time	High ongoing	
		E 15	Upgrade existing 'Hall' storage, change-rooms and public amenities [see item B6].	- works implemented subject to investigation and funding - monitor changes in complaints/ satisfaction by user groups	High ongoing	
		E 16	Continue to implement cleaning, general maintenance and repairs in accordance with responsibilities as scheduled in Operations Manual for sec.355 Committees [Appendix 2]. Develop appropriate service level agreements [SLA] for public amenities, change-rooms and litter collection.	- Council/ MC's responsibilities clearly defined - maintenance contracts established in accordance with SLA - monitor changes in complaints/ satisfaction by user groups	High ongoing	
		E 17	Assist clubs/ associations in seeking appropriate State government funding for upgrades to sporting/ recreational facilities and amenities [see Option 3].	- number of applications, success rate/ funding received - works implemented subject to appropriate funding	Medium ongoing	

Management Strategies

Wollondilly Pony Club & Riding for the Disabled Association

Performance Target (strategies)	Item	Means of Achievement (Management Actions)	Means of Assessment (of the actions)	Priority
Desired Outcome: To establish an appropriate land management framework for this Crown reserve and sportsground				
- to address designated public purpose issues and ensure consistency for Crown reserves	A1	Expand Crown reserves' existing designated Public Purpose from "Public Recreation" to "Public Recreation and Environmental Protection".	Broader recognition and protection of all reserve values (incl. recreational, social, ecological and biodiversity values)	High
- to maintain current low-impact use of Crown reserves	A2	Continue current low-key recreational and community-based activities providing there is no further intensification of activities or facilities.	Reserves protected from any intensification of uses or activities	High ongoing
- to protect the reserves' natural bushland setting and environmental values	A3	Ensure appropriate protection and management of contiguous bushland and faunal corridor along Myrtle Creek [see items D1-D9].	Reserves provided appropriate protection and conservation status under the land management objectives of this Plan.	High ongoing
Desired Outcome: To establish guidelines for assessing development proposals and impacts				
- to ensure thorough community consultation in any development proposals	B1	- continue to promote an open, community-based consultative process with all development proposals in each reserve.	- level of community consultation used in any new development within reserves	ongoing
- to protect reserves' values from inappropriate development	B2	- ensure consistency with the Crown Lands Act, the Department of Land and Water Conservation policy guidelines, case law, Council's adopted LEP and policy and all other relevant legislation.	- number and % of changes to area not consistent with relevant legislation and policy	High ongoing
- to promote and enhance reserve values in accordance with expanded Public Purpose for Crown reserve	B3	Development proposals within each reserve must address the following: - environmental sustainability - protection of identified values - demonstrate a clear connection with the reserve's public purpose - public accessibility, equity and broad community use of Crown reserve - consistent with character and scale of existing facilities and intensity of use - maintain and enhance recreational amenity and public safety	- number and % of proposed developments that address and adhere to development guidelines - measure trends over time	High ongoing
- to protect and enhance identified values	B4	Development proposals within these reserves which may directly or indirectly threaten identified values are not permissible.	- as above	High ongoing
- to protect endangered ecological communities from inappropriate development and uses	B5	Development and uses which may adversely impact on vegetation which is scheduled under the TSC Act are not permissible.	- as above	High ongoing

Management Strategies

Wollondilly Pony Club & Riding for the Disabled Association (continued)

	Performance Target (strategies)	Item	Means of Achievement (Management Actions)	Means of Assessment (of the actions)	Priority
natural setting	<p>Desired Outcomes: To establish guidelines for assessing leases, licences and other estate</p> <ul style="list-style-type: none"> - to protect reserves' values and role from inappropriate leases, permits and commercial activities 	C1	<p>Ensure that all licences for commercial activities or non-profit community or educational activities are in accordance with:</p> <ul style="list-style-type: none"> - Crown policy, adopted Council policy and permitted uses - Development guidelines as outlined in this Plan [see items B1-B5]. 	<ul style="list-style-type: none"> - number of licences approved in accordance with this Plan. - measure trends over time 	High ongoing
		C2	<p>Conduct thorough consultation with the Department of Land and Water Conservation in the drafting of new lease agreements.</p>	<ul style="list-style-type: none"> - leases prepared in accordance with DLWC policy 	High ongoing
		C3	<p>This Plan of Management expressly authorizes the granting of a lease/licence over the Crown reserve, described as Part R 56019 [Portion 380, DP 751270] to Wollondilly Pony Club, subject to the provisions outlined in items C1-C2 above and that the permitted use is consistent with the reserve's public purpose and the requirements of the Crown Lands Act.</p> <p>Lease Type: leased from Wollondilly Shire Council (as reserve Trustee)</p> <p>Conduct thorough consultation with the Department of Land and Water Conservation in the drafting of the lease agreement, ensuring consistency in permitted uses. Prepare a "Memorandum of Understanding" with the lessee.</p> <p>Permitted Uses/ Intensity of Use: pony club activities consistent with reservation's purpose. Maintain existing low-key riding trails and facilities consistent with protection of natural bushland setting. Other WPC social and community-based activities [eg. market-days] must be similarly consistent with permitted uses/ intensity of use.</p>	<ul style="list-style-type: none"> - lease granted in accordance with this Plan. 	High ongoing
		C4	<p>Continue with Riding for the Disabled Association's current Permitted Occupancy No. 1988/3 to the Department of Land and Water Conservation over the Crown reserve, described as R 261 [Portion 1, DP 751270].</p>	<ul style="list-style-type: none"> - existing permitted occupancy agreement maintained in accordance with this Plan 	Medium ongoing
environmental	<p>Desired Outcome: To protect and enhance the reserve's natural setting and promote environmentally sustainable management practices</p> <p>Environmental Management:</p> <ul style="list-style-type: none"> - to address conservation significance of native flora and fauna and ensure long term protection and viability - to establish objective limits on the type and amount of acceptable change imposed on the natural setting 	D1	<p>Protect, manage and where appropriate rehabilitate Shale/ Sandstone Transition Forest [incl. all under-storey] as scheduled under TSC Act 1995.</p>	<ul style="list-style-type: none"> - no net loss of endangered community 	High ongoing
		D2	<p>Protect vital faunal corridor linkages along Myrtle Creek [incl. Tahmoor Sportsground section]. Investigate opportunities in conservation agreements with landholders along Myrtle Creek.</p>	<ul style="list-style-type: none"> - no net loss of endangered community - faunal corridors protected and enhanced 	High ongoing
		D3	<p>Continue to protect and manage natural bushland character and visual amenity along Thirimere Way road-side corridor as part of an integrated Crown reserves approach [see Tahmoor S/G].</p>	<ul style="list-style-type: none"> - natural bushland character and visual amenity maintained 	High ongoing

Management Strategies

Wollondilly Pony Club & Riding for the Disabled Association (continued)

	Performance Target (strategies)	Item	Means of Achievement (Management Actions)	Means of Assessment (of the actions)	Priority
environmental/ biodiversity	<p>Desired Outcome: To protect and enhance the reserve's natural setting and promote environmentally sustainable management practices</p> <p>Environmental Management [cont'd]:</p> <ul style="list-style-type: none"> - to address conservation significance of native flora and fauna and ensure long term protection and viability - to establish objective limits on the type and amount of acceptable change imposed on the natural setting - to implement actions which will restrict incremental impacts on these reserves - to control and manage weed species and facilitate regeneration of native species - to adequately address stormwater and catchment management issues 				
		D4	<p>Maintain low-level impact along pony trails as follows:</p> <ul style="list-style-type: none"> - continue to concentrate activities within the most durable areas of the two sites [ie. WPC open grassed arena and adjoining facilities and RDA open grassed area] - ensure minimal disturbance of existing natural bushland - continue to manage and 'rest' trails to protect from soil erosion, trampling of seedlings and weed invasion - protect the Myrtle Creek and tributary gullies from soil erosion - restrict opportunities for multiple tracking along cross-country course - limit dispersal of activities within natural bushland to existing tracks - limit club membership to a level of usage which is environmentally sustainable [ie. no further increase in WPC membership]. 	<ul style="list-style-type: none"> - Crown reserves provided appropriate protection and conservation status under the land management objectives of this Plan 	High ongoing
		D5	<p>Seek assistance from local 'landcare' volunteers in developing an appropriate regeneration/ rehabilitation programme. Investigate opportunities to involve volunteers [incl. WPC riders] in programme.</p>	<ul style="list-style-type: none"> - number of 'landcare' volunteers/ reserve area under rehabilitation/ regeneration within five years 	High ongoing
		D6	<p>Develop and implement an appropriately integrated fire hazard management, bushland/ weed management and rehabilitation strategy. Employ minimal disturbance weed management/ weed removal methods. Focus efforts within the Myrtle Creek and tributaries corridor. Plant only locally-sourced indigenous tubestock in all rehabilitation work.</p>	<ul style="list-style-type: none"> - co-ordinated implementation of the environmental strategy 	High ongoing
		D7	<p>Continue to improve local catchment management by reducing level of pollutants, rubbish, nutrients/ pesticides and weeds entering creek upstream [ie. installation of GPTs, sedimentation/ wetland basins, regular maintenance of structures]. Remove existing rubbish, tyres and other dumped materials in Myrtle Creek. Monitor changes to Myrtle Creek including increased gully erosion, altered drainage alignment/ flow patterns and water quality.</p>	<ul style="list-style-type: none"> - number and type of catchment management initiatives implemented within upper catchment over 5 year period - annual monitoring of changes to creek and water quality 	High ongoing
		D8	<p>Continue community education programme to address dumping of rubbish and garden refuse within the reserve and adjoining road verges.</p>	<ul style="list-style-type: none"> - % change to management problems investigated 	High ongoing
		D9	<p>Further develop opportunities to enhance rider/ visitor experience through environmental education programmes</p>	<ul style="list-style-type: none"> - number and type of programmes conducted annually 	High ongoing

Management Strategies

Wollondilly Pony Club & Riding for the Disabled Association (continued)

	Performance Target (strategies)	Item	Means of Achievement (Management Actions)	Means of Assessment (of the actions)	Priority
recreational facilities, access & circulation	<p>Desired Outcome: To maintain and enhance each reserve's recreational uses, facilities, public access and amenities</p> <p>Recreation/ Visitor Management</p> <ul style="list-style-type: none"> - to maintain low-impact pony-riding and social/ community-based activities on these Crown reserves - to adequately address all public safety and risk management issues - to enhance opportunities for public access, circulation and linkages for a range of user groups (eg. people with disabilities, frail, aged, children, etc) - to address the needs of recreational user groups in the provision of facilities and amenities - to develop a strategy which will respond to increasing regional demands - to provide an appropriate level of maintenance for facilities and amenities - to assist user groups in improving recreational facilities 	E1	<p>Public Access, Circulation and Pony Club Facilities</p> <p>Continue to maintain and improve quality of WPC and RDA pony club facilities, retaining low-key character and existing intensity of use.</p> <ul style="list-style-type: none"> - maintain all existing fenced boundaries - continue to maintain facilities/ activities which are safe for the public - ensure all club activities are compatible with permitted uses and are environmentally sustainable [see items D1-D9] - provide easy, graded access to facilities and amenities - continue co-operative use of WPC/RDA clubhouse facilities, storage and security arrangements - investigate opportunities for interpretive signage along trails - investigate opportunities for pony trail linkages and circulation along the Myrtle Creek corridor [incl. link to Tahmoor Sportsground] - promote opportunities for the establishment of new pony clubs in the Wollondilly area [incl. further designated pony trails] 	<ul style="list-style-type: none"> - all maintenance and capital works implemented in accordance with s.355 Operations Manual - uses and activities consistent with this Plan - broad community access addressed - monitor any changes and trends - investigations completed and recommendations implemented subject to funding - investigations completed and recommendations implemented subject to funding - regular maintenance/ upgrades implemented in accordance with sec.355 Operations Manual 	Medium ongoing
		E2	<p>WPC and RDA to continue with general maintenance and repairs of facilities and amenities in accordance with responsibilities as scheduled in Operations Manual for s.355 Committees.</p>		Medium ongoing
		E3	<p>Assist WPC/RDA in seeking appropriate State government funding for upgrades to sporting/ recreational facilities and amenities.</p>		<ul style="list-style-type: none"> - number of applications, success rate/ contribution amounts - works implemented subject to appropriate funding

Management Strategies

Thirlmere Sportsground

Performance Target (strategies)	Item	Means of Achievement (Management Actions)	Means of Assessment (of the actions)	Priority
Desired Outcome: To establish an appropriate land management framework for this Crown reserve and sportsground				
<ul style="list-style-type: none"> - to address designated public purpose issues and ensure consistency for Crown reserve - to address issues of exclusivity by a single user group, encourage broader community access and multiple uses - to encourage appropriate recreational uses - to rationalize/ upgrade existing sporting facilities and infrastructure - to protect the reserve's values and consolidate adjoining parcels of remnant bushland/ faunal corridors 	A1	Expand Crown reserve's existing designated Public Purpose from "Public Recreation" to "Public Recreation and Environmental Protection".	Broader recognition and protection of all reserve values (incl. recreational, social, ecological and biodiversity values)	High
	A2	1st Tahmoor Scout Group building & curtilage: Change Public Purpose of this parcel of Crown reserve from "Public Recreation" to "Community Purposes".	Existing anomalies in public purpose of Crown reserve addressed.	High
	A3	Continue to seek a favourable outcome for the provision of expanded recreational facilities within the Greyhound Trial Track area of the reserve [see item E1].	Greyhound Trial Track area (central core) providing broader public access and enhanced recreational opportunities for the community.	High ongoing
	A4	Investigate future options for rationalizing and upgrading existing sporting facilities to address existing and future user group demand [see items E1-E16].	Community and recreational needs addressed. Works implemented subject to further investigation and funding.	High ongoing
	A5	Investigate future options for consolidation of contiguous remnant bushland and protection of faunal corridors along the Matthews Creek corridor.	Subject land provided appropriate protection and conservation status under the land management objectives of this Plan.	High ongoing
Desired Outcome: To establish guidelines for assessing development proposals and impacts				
<ul style="list-style-type: none"> - to ensure thorough community consultation in any development proposals - to protect reserve's values from inappropriate development - to promote and enhance reserve values in accordance with expanded Public Purpose for Crown reserve - to protect and enhance identified values - to protect endangered ecological communities from inappropriate development and uses 	B1	<ul style="list-style-type: none"> - continue to promote an open, community-based consultative process with all development proposals in this reserve. 	- level of community consultation used in any new development within reserve	ongoing
	B2	<ul style="list-style-type: none"> - ensure consistency with the Crown Lands Act, the Department of Land and Water Conservation policy guidelines, case law, Council's adopted LEP and policy and all other relevant legislation. 	- number and % of changes to area not consistent with relevant legislation and policy	High ongoing
	B3	<ul style="list-style-type: none"> - Development proposals within the reserve must address the following: <ul style="list-style-type: none"> - environmental sustainability - protection of identified values - demonstrate a clear connection with the reserve's public purpose - public accessibility, equity and broad community use of Crown reserve - consistent with character and scale of existing facilities and intensity of use - maintain and enhance recreational amenity and public safety 	<ul style="list-style-type: none"> - number and % of proposed developments that address and adhere to development guidelines - measure trends over time 	High ongoing
	B4	<ul style="list-style-type: none"> - Development proposals within the reserve which may directly or indirectly threaten identified values are not permissible. 	- as above	High ongoing
	B5	<ul style="list-style-type: none"> - Development and uses which may adversely impact on vegetation which is scheduled under the TSC Act are not permissible. 	- as above	High ongoing

natural/cultural setting

Management Strategies Thirlmere Sportsground (continued)

	Performance Target (strategies)	Item	Means of Achievement (Management Actions)	Means of Assessment (of the actions)	Priority
natural/cultural setting	Desired Outcomes: To establish guidelines for assessing leases, licences and other estate - to protect reserve's values and role from inappropriate leases, permits and commercial activities	C1	Ensure that all licences for commercial activities or non-profit community or educational activities are in accordance with: - Crown policy, adopted Council policy and permitted uses - Development guidelines as outlined in this Plan [see items B1-B5]	- number of licences approved in accordance with this Plan. - measure trends over time	High ongoing
		C2	Conduct thorough consultation with the Department of Land and Water Conservation in the drafting of new lease agreements.	- leases prepared in accordance with DLWC policy	Medium ongoing
		C3	Investigate options for establishing lease agreements with the following non-profit clubs/ groups: - 1st Tahmoor Scout Group [see item A2 change to "Community Purposes"] - Wollondilly Greyhound Club [see item E1] - Picton District Youth Club	- investigation completed and recommendations implemented within 2 years	Medium ongoing
		C4	This Plan of Management expressly authorizes the leasing/licencing or granting of any other estate over the land, subject to the provisions outlined in items C1-C2 above and that the permitted use is consistent with the reserve's public purpose and the requirements of the Crown Lands Act.	- lease[s] granted in accordance with this Plan.	Medium ongoing
		Desired Outcome: To protect and enhance the reserve's natural/ cultural setting and promote environmentally sustainable management practices			
environmental	Environmental Management: - to address conservation significance of native flora and fauna and ensure long term protection and viability - to establish objective limits on the type and amount of acceptable change imposed on the natural/cultural setting - to implement actions which will restrict incremental impacts on this Crown reserve - to control and manage weed species and facilitate regeneration of native species - to adequately address stormwater and catchment management issues - to enhance cultural landscape amenity and shade	D1	Protect and rehabilitate Shale/ Sandstone Transition Forest (incl. all understorey) as scheduled under the Threatened Species Conservation Act 1995.	- no net loss of endangered community	High ongoing
		D2	Protect and consolidate existing remnant stands of native trees using temporary fencing and modifying current mowing/ maintenance regime.	- % of fragmented forest showing understorey/ seedling regeneration over 5 year period	Medium ongoing
		D3	Ensure appropriate rehabilitation of recently disturbed bushland in the access corridor to scout hall (incl. planting with locally-sourced indigenous species).	- % of disturbed area regenerated/ rehabilitated over 5 years	High ongoing
		D4	Develop an integrated strategy in fire hazard management, catchment/ weed management and bush regeneration.	- co-ordinated implementation of the environmental strategy	High ongoing
		D5	Support the development of a local volunteer 'landcare' network and efforts to regenerate the riparian corridor linking to Lyn Gordon Reserve.	- number of 'landcare' volunteers/ reserve area under rehabilitation/ regeneration	High ongoing
		D6	Education programme needs to address dumping of rubbish and garden refuse within the reserve and adjoining road verges.	- % change to management problems investigated	High ongoing
		D7	Plant additional deciduous trees along Oaks Street, set-back from mini-field.	- number of trees planted/ survive after 5 years	Medium ongoing

Management Strategies

Thirlmere Sportsground (continued)

	Performance Target (strategies)	Item	Means of Achievement (Management Actions)	Means of Assessment (of the actions)	Priority
recreational facilities, access & circulation	<p>Recreation/ Visitor Management</p> <ul style="list-style-type: none"> - to address alienation of large section of S/G as Greyhound Trial Track and improve public access & circulation to sportsground - to develop a strategy which will respond to increasing regional demands on recreation facilities and reduce current over-use of existing playing field. - to seek appropriate 'seed' funding from State government for development of unused Crown land within Greyhound Trial Track - to develop a second mini-field which would partially address current over-use of existing playing field - to enhance opportunities for public access, circulation and linkages for a range of user groups (eg. people with disabilities, frail, aged, children, strollers, etc) - to address visitor orientation and facilitate public access 	E1	<p>Develop Rugby League/ Touch Football Field within Trial Track</p> <p>Investigate opportunities for improved public access and shared 'multi-use' of existing Greyhound Trial Track with development of a new football field or two mini-fields. Seek funding assistance for expanded facilities:-</p> <ul style="list-style-type: none"> - address all public safety/ risk management issues relating to existing trial track equipment and fencing (replace existing low fence) - provide adequate drainage, bulk earthworks, grading and levelling of field - instal automatic irrigation, topsoil, turfing and flood lighting to playing field - construct clubhouse/ seating area, public amenities and change-rooms - remove existing dividing fence and install security fencing around trial track - construct pedestrian bridge/ ramped access over track to link new carpark area to playing field [see item E7]. - develop opportunities for future passive recreation [picnic areas/ BBQs] 	- capital works implemented subject to further investigation and funding	High
		E2	<p>Construct an additional mini-field</p> <p>Investigate opportunities to establish second mini-field (50 X 70m). Address sub-surface drainage, grading and irrigation.</p>	- capital works implemented subject to further investigation and funding	Medium
		E3	<p>Public Access, Circulation and Signage</p> <p>Continue to improve quality of public access, recreational linkages and pedestrian circulation, providing an integrated system of pathways & signage</p> <p>Provide easy, graded access to all recreational facilities and amenities.</p> <p>Construct pedestrian access points in existing boundary fence.</p>	- capital works implemented subject to further investigation and funding	Medium ongoing
		E4	<p>Install sportsground identification signage:</p> <ul style="list-style-type: none"> - corner of Goodlet/ Oaks Street - Oaks Street proposed carpark entry <p>Install directional signage to recreational facilities.</p> <p>Install scout hall identification signage at Mason Street entry [see item E6].</p>	- capital works implemented subject to funding	Medium ongoing
		E5	<p>Investigate opportunities for enhancing public access and circulation (incl. bikepath/ pony-trail) along riparian corridor linking to Lyn Gordon Reserve.</p>	- capital works implemented subject to further investigation and funding	Medium ongoing
		E6	<p>Rationalize existing regulatory signage/ develop an integrated signage system</p>	- works implemented subject to investigation and funding	Medium

Management Strategies Thirlmere Sportsground (continued)

	Performance Target (strategies)	Item	Means of Achievement (Management Actions)	Means of Assessment (of the actions)	Priority
	Desired Outcome: To maintain and enhance the sportsground's recreational uses, facilities, public access and amenities				
recreational facilities, access & circulation	Recreation/ Visitor Management (cont'd) - to rationalize existing internal vehicular access, circulation and parking - to address safety and risk management issues - to provide adequate off-street parking - to enhance recreational opportunities - to address the needs of recreational user groups in the provision of facilities and amenities - to provide an appropriate level of maintenance for facilities and amenities - to continue process of facilities rationalization - to assist user groups in improving recreational facilities - to develop opportunities for multi-use of playing fields and ensure a sustainable level of use - to adequately maintain playing surfaces	E7	Vehicular Access and Carparking - construct semi-formalised parking area in compacted decomposed granite finish (no asphalt seal) - close vehicular access and parking area at Goodlet Street - located to service both existing playing field/ facilities and new playing field - separate entry/ exit off Oaks Street	- capital works implemented subject to further investigation and funding	Medium
		E8	Remove post and rail fences around playing field and dividing mini-field and grass netball court areas (subject to changed vehicular access and parking).	- works implemented subject to investigation and funding	Medium
		E9	Public Amenities, Change-rooms and Gymnasium Continue to liaise with management committee [MC] in the provision, maintenance and upgrading of existing public amenities, clubhouse/ change-rooms, gymnasium, storage and security.	- works implemented subject to investigation and funding - monitor changes and trends over time	High ongoing
		E10	Continue to implement cleaning, general maintenance/ repairs in accordance with responsibilities as scheduled in Operations Manual for s.355 Committees [Appendix 2]. Develop appropriate service level agreements [SLA] for public amenities, change-rooms and litter collection.	- Council/ MC's responsibilities clearly defined - maintenance contracts established in accordance with SLA - monitor changes in complaints/ satisfaction by user groups	High ongoing
		E11	Investigate options for sewer connection to public amenities/ clubhouse. Investigate options to rationalize/ demolish or upgrade toilets near Mason St. Investigate options to rationalize/ relocate canteen within clubhouse building.	- works implemented subject to investigation and funding - as above - as above	Medium
		E12	Assist clubs/ associations in seeking appropriate State government funding for upgrades to sporting/ recreational facilities and amenities.	- number of applications, success rate/ contribution amounts - works implemented subject to appropriate funding	High ongoing
		E13	Existing Playing Field Condition, Drainage and Lighting Continue to maintain and upgrade playing surface and floodlighting on existing playing field for rugby league and touch football competition and evening training in accordance with s.355 Operations Manual [Appendix 2].	- regular seasonal maintenance/ upgrades implemented in accordance with sec.355 Operations Manual - monitor changes in complaints/ satisfaction by user groups	High ongoing
		E14	Install appropriate sub-surface drainage in areas which become frequently waterlogged (ie. eastern and western sides of existing playing field and proposed second mini-field area).	- works implemented subject to funding - monitor changes in complaints/ satisfaction by user groups	High
		E15	Reinstate existing carpark area at Goodlet Street (ie. re-grade/ remove gravel surface, improve drainage and turf area). Review opportunities to extend grass netball training courts within this area.	- works implemented subject to investigation and funding	Medium ongoing
		E16	Install additional 50-80L litter bins around perimeter of playing field and ensure regular collection, particularly following weekend sporting events.	- works implemented subject to funding - maintenance in accordance with s.355 Operations Manual	High ongoing

Management Strategies

Bargo Sportsground

Performance Target (strategies)	Item	Means of Achievement (Management Actions)	Means of Assessment (of the actions)	Priority
<p>Desired Outcome: To establish an appropriate land management framework for this sportsground [incl. community land and Crown reserve]</p> <p>Core Objective: Management of Community Land categorised as a sportsground (36F)</p> <p>a.) to encourage, promote and facilitate recreational pursuits in the community involving organised and informal sporting activities and games, and</p> <p>b.) to ensure that such activities are managed having regard to any adverse impact on nearby residences.</p> <p>Core Objective: Management of community land categorised as general community use (36I)</p> <p>To promote, encourage and provide for the use of the land, and to provide facilities on the land, to meet the current and future needs of the local community and of the wider public:</p> <p>a.) in relation to public recreation and the physical, cultural, social and intellectual welfare or development of individual members of the public, and;</p> <p>b.) in relation to purposes for which a lease, licence or other estate may be granted in respect of the land (other than the provision of public utilities and works associated with or ancillary to public utilities).</p> <p>Core Objective: Management of community land categorised as bushland (36J)</p> <p>a.) to ensure the ongoing ecological viability of the land by protecting the ecological biodiversity and habitat values of the land, the flora and fauna (including invertebrates, fungi and micro-organisms) of the land and other ecological values of the land, and;</p> <p>b.) to protect the aesthetic, heritage, recreational, educational and scientific values of the land, and;</p> <p>c.) to promote the management of the land in a manner that protects and enhances the values and quality of the land and facilitates public enjoyment of the land, and to implement measures directed to minimising or mitigating any disturbance caused by human intrusion.</p> <p>d.) to restore degraded bushland, and;</p> <p>e.) to protect existing landforms such as natural drainage lines, water courses and foreshores, and;</p> <p>f.) to retain bushland in parcels of a size and configuration that will enable the existing plant and animal communities to survive in the long term, and;</p> <p>g.) to protect bushland as a natural stabiliser of the soil surface.</p> <p>Core Objective: Management of community land categorised as a watercourse (36M)</p> <p>a.) to manage watercourses so as to protect the biodiversity and ecological values of the instream environment, particularly in relation to water quality and water flows, and;</p> <p>b.) to manage watercourses so as to protect the riparian environment, particularly in relation to riparian vegetation and habitats and bank stability, and;</p> <p>c.) to restore degraded watercourses, and;</p> <p>d.) to promote community education, and community access to and use of the watercourse, without compromising the other core objectives of the category.</p>	<p>A1 Expand existing Crown reserve parcel's designated Public Purpose from "Public Recreation" to "Public Recreation and Environmental Protection".</p> <p>A2 1st Bargo Scout Group building & curtilage: Change Public Purpose of this parcel of Crown reserve from "Public Recreation" to "Community Purposes".</p> <p>A3 Investigate future options for rationalizing and upgrading existing sporting facilities to address existing and future user group demand [see items E1-E18].</p> <p>A4 Provide appropriate protection and management to endangered ecological communities as scheduled under the Threatened Species Conservation Act [see items D1-D7].</p>	<p>Broader recognition and protection of all reserve values (incl. recreational, social, ecological and biodiversity values)</p> <p>Existing anomalies in public purpose of Crown reserve addressed.</p> <p>Community and recreational needs addressed.</p> <p>Works implemented subject to investigation and funding.</p> <p>Subject land provided appropriate protection and conservation status under the land management objectives of this Plan.</p>	<p>High</p> <p>High</p> <p>High ongoing</p> <p>High ongoing</p>	
	<p>natural/cultural setting</p>			

Management Strategies

Bargo Sportsground (continued)

Performance Target (strategies)	Item	Means of Achievement (Management Actions)	Means of Assessment (of the actions)	Priority
<p>Desired Outcome: To establish guidelines for assessing development proposals and impacts</p> <p>Core Objectives: Management of Community Land categorised as a sportsground (36F), general community use (36I), bushland (36J) and watercourse (36M)</p>				
<ul style="list-style-type: none"> - to ensure thorough community consultation in any development proposals - to protect reserve's values from inappropriate development 	B1	<ul style="list-style-type: none"> - continue to promote an open, community-based consultative process with all development proposals in this reserve. 	<ul style="list-style-type: none"> - level of community consultation used in any new development within reserve 	ongoing
<ul style="list-style-type: none"> - to promote and enhance reserve values in accordance with expanded Public Purpose for Crown reserve 	B2	<ul style="list-style-type: none"> - ensure consistency with the Crown Lands Act, the Department of Land and Water Conservation policy guidelines, case law, the Local Government Act 1993 and Local Government Amendment [Community Land Management] Act 1998, including Core objectives for community land, Council's adopted LEP, Council policy and all other relevant legislation. 	<ul style="list-style-type: none"> - number and % of changes to area not consistent with relevant legislation and policy 	High ongoing
	B3	<p>Development proposals within the reserve must address the following:</p> <ul style="list-style-type: none"> - environmental sustainability; - protection of identified values; - demonstrate a clear connection with the reserve's public purpose; - adequately provide for public access, equity and broad community use of Crown reserve and community land; - ensure consistency with character and scale of existing recreational facilities and intensity of use; - ensure minimal site disturbance within and adjoining building footprint; - enhance public safety, security, recreational amenity of the reserve; - minimize traffic hazards and pedestrian conflict in relation to vehicular access, car parking, service and delivery areas; - ensure appropriate indigenous planting/ screening in accordance with site specific environmental constraints; - maintain and enhance recreational amenity and public safety. 	<ul style="list-style-type: none"> - number and % of proposed developments that address and adhere to development guidelines - measure trends over time 	High ongoing
	B4	<ul style="list-style-type: none"> - to protect and enhance identified values 	<ul style="list-style-type: none"> - as above 	High ongoing
<ul style="list-style-type: none"> - to protect endangered ecological communities from inappropriate development and uses 	B5	<ul style="list-style-type: none"> - Development and uses which may adversely impact on vegetation which is scheduled under the TSC Act are not permissible. 	<ul style="list-style-type: none"> - as above 	High ongoing

Management Strategies

Bargo Sportsground (continued)

	Performance Target (strategies)	Item	Means of Achievement (Management Actions)	Means of Assessment (of the actions)	Priority
natural/cultural setting	<p>Desired Outcomes: To establish guidelines for assessing leases, licences and other estate</p> <p>Core Objectives: Management of Community Land categorised as a sportsground (36F), general community use (36I), bushland (36J) and watercourse (36M)</p> <ul style="list-style-type: none"> - to protect reserve's values and role from inappropriate leases, permits and commercial activities 	C1	<p>Ensure that all leases/licences and permits for commercial activities or non-profit community or educational activities are in accordance with:</p> <ul style="list-style-type: none"> - Crown policy, adopted Council policy and permitted uses - operation of activity is consistent with reserve's values and core objectives - Development guidelines as outlined in this Plan [see items B1-B5]. 	<ul style="list-style-type: none"> - number of leases/licences and permits approved in accordance with this Plan. - measure trends over time 	High ongoing
		C2	<p>Conduct thorough consultation with the Department of Land and Water Conservation in the drafting of new lease agreements affecting Crown land.</p>	<ul style="list-style-type: none"> - leases prepared in accordance with DLWC policy 	Medium ongoing
		C3	<p>Investigate options for establishing lease/licence agreements with clubs and associations at this sportsground.</p>	<ul style="list-style-type: none"> - investigation completed and recommendations implemented 	Medium ongoing
		C4	<p>Continue the existing lease of the scout hall to the Scout Association of Australia: Hume Region and when due for renewal authorise the granting of a lease in accordance with items C1-C2 and C6.</p>	<ul style="list-style-type: none"> - maintenance of lease in accordance with Plan 	Medium ongoing
		C5	<p>For Special Events Management refer to item E4.</p>	<ul style="list-style-type: none"> - special events managed in accordance with this Plan 	ongoing
		C6	<p>This Plan of Management expressly authorizes the leasing/licencing or granting of any other estate over the land, subject to the provisions outlined in items C1-C2 above and the following:</p> <p><i>Leases on Crown reserve:</i></p> <p>that the permitted use is consistent with the reserve's public purpose and the requirements of the Crown Lands Act.</p> <p><i>Leases/licences on Community Land:</i></p> <p>that the permitted use is consistent with the core objectives for identified categories of community land, in accordance with the requirements of the Local Government Act s.46A, 47A, 47B and 47E.</p>	<ul style="list-style-type: none"> - lease(s) granted in accordance with this Plan - leasing/licencing or any other estate granted in accordance with this Plan. 	<p>Medium ongoing</p> <p>Medium ongoing</p>
		C7	<p>Easements in relation to Community Land:</p> <p>This Plan of Management expressly authorises the granting of easements over the land for the purpose of providing pipes, conduit or other connections under the surface of the ground. This is limited to easements that connect land adjoining community land to an existing water, sewer, drainage or electrical facility of Council or other public utility provider located on Community land.</p>	<ul style="list-style-type: none"> - number of easements granted in accordance with Plan 	Medium ongoing

Management Strategies

Bargo Sportsground (continued)

	Performance Target (strategies)	Item	Means of Achievement (Management Actions)	Means of Assessment (of the actions)	Priority
environmental	<p>Desired Outcome: To protect and enhance the reserve's natural/ cultural setting and promote environmentally sustainable management practices</p> <p>Core Objectives: Management of Community Land categorised as a sportsground (36F), general community use (36I), bushland (36J) and watercourse (36M)</p>				
	<p>Environmental Management:</p> <ul style="list-style-type: none"> - to address conservation significance of native flora and fauna and ensure long term protection and viability - to establish objective limits on the type and amount of acceptable change imposed on the natural/ cultural setting - to implement actions which will restrict incremental impacts - to control and manage weed species and facilitate regeneration of native species - to adequately address stormwater and catchment management issues - to enhance cultural landscape amenity and shade 	D1	Protect and rehabilitate Shale/ Sandstone Transition Forest (incl. all understorey) as scheduled under the Threatened Species Conservation Act 1995.	- no net loss of endangered community	High ongoing
		D2	Protect and consolidate existing remnant stands of native trees using temporary fencing and modifying current mowing/ maintenance regime.	- % of fragmented forest showing understorey/ seedling regeneration over 5 year period	High ongoing
		D3	Develop an integrated strategy in fire hazard management, catchment/ weed management and bush regeneration.	- co-ordinated implementation of the environmental strategy	High ongoing
		D4	Promote natural regeneration along perimeter of 'back paddock' & creek-line. Support the development of a local volunteer 'landcare' network.	- number of 'landcare' volunteers/ reserve area under rehabilitation/ regeneration	Medium ongoing
		D5	Continue to improve local catchment management by reducing level of pollutants, nutrients and weeds entering intermittent creek-line [see item E2].	- annual monitoring of changes to creek and water quality	High ongoing
		D6	Enhance environmental quality of existing open north-eastern area of the sportsground. Consolidate groves of locally indigenous Shale/ Sandstone Transition Forest species (e.g Forest Red Gum/ Grey Box) and maintain large open lawn areas.	- monitor changes in complaints/ satisfaction by user groups	Medium ongoing
		D7	Plant single row of ornamental deciduous trees along north-eastern and northern boundaries [e.g Planes or Pin Oaks] to delineate parkland and improve visual character.	- number and species of trees planted/ survive after five years	Medium ongoing
recreation	<p>Desired Outcome: To maintain and enhance the sportsground's recreational uses, facilities, public access and amenities</p> <p>Core Objectives: Management of Community Land categorised as a sportsground (36F), bushland (36J) and watercourse (36M)</p>				
	<p>Recreation/ Visitor Management</p> <ul style="list-style-type: none"> - to develop a strategy which will respond to increasing regional demands on recreation facilities and reduce current over-use of existing playing field. - to develop opportunities for multi-use of playing fields and ensure a sustainable level of use - to improve and maintain playing surfaces and floodlighting 	E1	<p>Existing Trotting Track & Playing Field (AFL, soccer and cricket)</p> <p>Continue to maintain and upgrade playing surface and floodlighting on existing playing field for A.F.L. and soccer competitions and evening training in accordance with s.355 Operations Manual [Appendix 2].</p> <ul style="list-style-type: none"> - upgrade and maintain playing surface - upgrade flood lighting to all of field for evening training - replace existing synthetic turf cricket pitch with natural turf to address safety/ risk management issues - provide additional rubbish/ litter bins around playing field and ensure appropriate level of maintenance 	<ul style="list-style-type: none"> - regular seasonal maintenance/ upgrades implemented in accordance with sec.355 Operations Manual - monitor changes in complaints/ satisfaction by user groups - capital works implemented subject to funding - works in accordance with s.355 Operations Manual - works in accordance with s.355 Operations Manual 	<p>Medium ongoing</p> <p>Medium High</p> <p>High ongoing</p>

Management Strategies

Bargo Sportsground (continued)

	Performance Target (strategies)	Item	Means of Achievement (Management Actions)	Means of Assessment (of the actions)	Priority
recreational facilities, access & circulation	<p>Desired Outcome: To maintain and enhance the sportsground's recreational uses, facilities, public access and amenities (cont'd)</p> <p>Core Objectives: Management of Community Land categorised as a sportsground (36F), general community use (36I), bushland (36J) and watercourse (36M)</p>				
	<p>Recreation/ Visitor Management [cont'd]</p> <ul style="list-style-type: none"> - to address public safety/ risk management issues and improve access to/ from oval - to address environmental issues relating to recreational activities 	E1 [cont'd]	<p>Existing Trotting Track & Playing Field (AFL, soccer and cricket)</p> <p>Make appropriate repairs to section of trotting track guard rail and provide direct access between canteen and oval</p>	- works in accordance with s.355 Operations Manual	High
		E2	<p>Horse stables & wash bays:</p> <p>Formalize horse manure recycling bays and relocate wash-down area in accordance with DLWC and EPA guidelines:-</p> <ul style="list-style-type: none"> - prevent waste disposal and any contaminants entering intermittent creek - construct small artificial wetland basin to drain and biologically filter waste water from wash-down area. Plant with local indigenous wetland species. - rehabilitate creek corridor by implementing a programme of weed removal and planting of locally-sourced indigenous species [see items D4-D5]. - monitor water quality of creek and dam. 	- works in accordance with s.355 Operations Manual	High ongoing
<ul style="list-style-type: none"> - to review options for addressing current over-user/ demand on existing oval or enhancing opportunities for staging major community-based events 	E3	<p>Back Paddock' Area [option 1]</p> <p>Investigate opportunities for future development of second playing field within the 'back paddock' area of the sportsground for evening training (multi-use) and soccer (competition):</p> <ul style="list-style-type: none"> - provide adequate drainage, bulk earthworks, grading and levelling of field - instal automatic irrigation, topsoil, turfing and flood lighting to playing field - construct clubhouse/ seating area, public amenities and change-rooms - provide vehicular access and parking [see item E8]. - develop opportunities for future passive recreation [picnic areas/ BBQs] 	- investigations completed and works implemented subject to Option 2 proceeding and availability of capital works funding	Medium	

Management Strategies

Bargo Sportsground (continued)

	Performance Target (strategies)	Item	Means of Achievement (Management Actions)	Means of Assessment (of the actions)	Priority
recreational facilities, access & circulation	<p>Desired Outcome: To maintain and enhance the sportsground's recreational uses, facilities, public access and amenities (cont'd)</p> <p>Core Objectives: Management of Community Land categorised as a sportsground (36F), general community use (36I), bushland (36J) and watercourse (36M)</p>				
	<p>Recreation/ Visitor Management [cont'd]</p> <ul style="list-style-type: none"> - to ensure community-based special events are consistent with the reserve's values and public purpose - to address all safety and risk management issues - to promote broad community access - to minimize potential disruption to regular user groups and neighbours 	E4	<p>Special Events Management</p> <p>Special community events held at this sportsground are to be consistent with this Plan of Management's guidelines for development [items B1-B5] and leases, licences and other estate [items C1-C2 and C5-C6]. Pricing of special events must be equitable [ie. pricing should not provide a barrier/ restrictions to members of the community].</p> <p>Make all necessary provisions for advertising of events [incl. notice of any temporary changes to public access and use of facilities]. Ensure minimal disruption to regular user groups/ activities and to neighbouring residents.</p>	- special events managed in accordance with this Plan	High ongoing
	<ul style="list-style-type: none"> - to enhance opportunities for public access circulation and linkages for a range of user groups (eg. people with disabilities, frail, aged, children, strollers, etc) - to enhance recreational opportunities 	E5	<p>Public Access, Circulation and Signage</p> <p>Continue to improve quality of public access, recreational linkages and pedestrian circulation, providing an integrated system of pathways & signage</p> <ul style="list-style-type: none"> - provide easy, graded access to all recreational facilities and amenities. - investigate opportunities for providing a shared bikepath/ pedestrian circuit and improved linkages to all facilities - remove existing vehicular creek crossings and drainage pipes and install timber bridge access for shared bikepath/ pedestrian access 	- capital works implemented subject to further investigation and funding	Medium ongoing
	<ul style="list-style-type: none"> - to address visitor orientation and facilitate public access 	E6	Rationalize existing regulatory signage, develop an integrated signage system. Install sportsground/ facilities identification signage at the main vehicular entry and all carparks. Install directional signage to recreational facilities.	- capital works implemented subject to funding	Medium ongoing
	<ul style="list-style-type: none"> - to rationalize existing internal vehicular access, circulation and parking - to address safety and risk management issues - to provide adequate off-street parking for new facilities 	E7	<p>Existing Vehicular Access and Carparking</p> <ul style="list-style-type: none"> - remove existing vehicular circulation around perimeter of oval and reinstate with turf or native grasses/ groundcovers within natural areas. Install bollards or post and rail fences to prevent vehicle circulation. - retain Radnor Road entry as main vehicular entry to sportsground - retain existing locked vehicular gates at Kader Street and Tylers Road - remove existing vehicular creek crossings [see items E5 and E8]. 	- capital works implemented subject to funding	Medium
	<ul style="list-style-type: none"> - to provide enhanced opportunities for public access and parking adjacent to proposed playing field 	E8	<p>Proposed Carpark in 'Back Paddock'</p> <ul style="list-style-type: none"> - construct vehicular and shared bikepath/ pedestrian access to new playing field [incl. timber bridge creek crossing]. Construct parking area in compacted decomposed granite [38 car spaces]. 	- capital works implemented subject to funding	Medium

Management Strategies Bargo Sportsground (continued)

	Performance Target (strategies)	Item	Means of Achievement (Management Actions)	Means of Assessment (of the actions)	Priority	
recreational facilities, access & circulation	<p>Desired Outcome: To maintain and enhance the sportsground's recreational uses, facilities, public access and amenities (cont'd)</p> <p>Core Objectives: Management of Community Land categorised as a sportsground (36F), general community use (36I), bushland (36J) and watercourse (36M)</p> <p>Recreation/ Visitor Management [cont'd]</p> <ul style="list-style-type: none"> - to address the needs of recreational user groups in the provision of facilities and amenities - to provide an adequate level of maintenance for facilities and amenities - to continue process of facilities rationalization - to assist user groups in improving recreational facilities 	E9	<p>Public Amenities, Change-rooms and Storage Facilities</p> <p>Continue to liaise with management committee (MC) in the provision, maintenance and upgrading of existing public amenities, clubhouse/ change-rooms, scout hall, storage and security</p>	<ul style="list-style-type: none"> - works implemented subject to investigation and funding - monitor changes and trends over time 	High ongoing	
		E10	<p>Continue to implement cleaning, general maintenance and repairs in accordance with responsibilities as scheduled in Operations Manual for s.355 Committees [Appendix 2]. Develop appropriate service level agreements [SLA] for public amenities, change-rooms and litter collection.</p>	<ul style="list-style-type: none"> - Council/ MC's responsibilities clearly defined - maintenance contracts established in accordance with SLA - monitor changes in complaints/ satisfaction by user groups 	High ongoing	
		E11	<p>Install lighting to all amenities blocks for use during events and night training. Upgrade AFL clubhouse facilities including change-rooms, kitchen and toilets. Continue to maintain existing storage shed for trotting equipment.</p>	<ul style="list-style-type: none"> - maintenance and capital works implemented in accordance with s.355 Operations Manual and funding - monitor changes in complaints/ satisfaction by user groups - number of applications, success rate/ contribution amounts - works implemented subject to appropriate funding 	High Medium ongoing Medium ongoing	
		E12	<p>Assist clubs/ associations in seeking appropriate State government funding for upgrades to sporting/ recreational facilities and amenities.</p>			
		E13	<p>Tennis courts & clubhouse</p> <p>Continue to maintain tennis courts, playing surface, lighting and facilities.</p>	<ul style="list-style-type: none"> - maintenance in accordance with s.355 Operations Manual 	ongoing	
		E14	<p>1st Bargo Scout Hall & Curtilage</p> <p>Continue to maintain and upgrade scout hall and curtilage.</p>	<ul style="list-style-type: none"> - works in accordance with s.355 Operations Manual 	ongoing	
		E15	<p>Skateboard facility:</p> <p>Integrate existing skateboard facilities with family orientated passive recreation opportunities [incl. seating, picnic tables/ shelter and BBQ facilities]. Investigate options for 'customizing' existing skateboard facilities.</p>	<ul style="list-style-type: none"> - works implemented subject to funding 	Medium ongoing	
		E16	<p>Playgrounds [Main playground and Pre-school play area]:</p> <p>Continue to maintain and upgrade play equipment and safety fall areas. Install shade structure over main play area and upgrade passive recreation opportunities [incl. seating around play area and shade trees].</p>	<ul style="list-style-type: none"> - capital works implemented subject to funding - monthly monitoring/ reporting on playground equipment - regular maintenance in accordance with monitoring 	Medium ongoing	
		E17	<p>Community Hall</p> <p>Continue to maintain Community hall and pre-school/ kindergarten. Upgrade existing toilet facilities.</p>	<ul style="list-style-type: none"> - maintenance in accordance with s.355 Operations Manual - capital works implemented subject to funding 	Medium ongoing	
		E18	<p>Companion Animal Management</p> <p>Investigate establishment of Companion Animal recreational area.</p>	<ul style="list-style-type: none"> - investigation completed and recommendations implemented 	High	

Management Strategies

Victoria Park

	Performance Target (strategies)	Item	Means of Achievement (Management Actions)	Means of Assessment (of the actions)	Priority
natural/cultural setting	Desired Outcome: To establish an appropriate land management framework for this Crown reserve and sportsground				
	- to address designated public purpose issues and ensure consistency for Crown reserve.	A1	Expand Crown reserve's existing designated Public Purpose from "Public Recreation" to "Public Recreation and Heritage Purposes".	Broader recognition and protection of all reserve values (incl. recreational, social and cultural heritage values)	High
	- to encourage appropriate recreational uses	A2	Investigate options for recreation strategies including the following: Option 1A: rationalizing and upgrading existing sporting facilities to address existing and future user group demand and development of closer co-operation with AH & I Society.	- investigations completed and works implemented subject to preferred option proceeding and availability of capital works funding - park's values provided adequate protection and appropriate management	High ongoing
	- to thoroughly review options for the park as a major sporting venue				
	- to protect and manage the park's values				
Desired Outcome: To establish guidelines for assessing development proposals and impacts					
- to ensure thorough community consultation in any development proposals	B1	- continue to promote an open, community-based consultative process with all development proposals in this reserve.		- level of community consultation used in any new development within reserve	ongoing
- to protect reserve's values from inappropriate development	B2	- ensure consistency with the Crown Lands Act, the Department of Land and Water Conservation policy guidelines, case law, Council's adopted LEP and policy and all other relevant legislation.		- number and % of changes to area not consistent with relevant legislation and policy	High ongoing
- to promote and enhance reserve values in accordance with expanded Public Purpose for Crown reserve	B3	Development proposals within the reserve must address the following: - environmental sustainability - protection of identified values including heritage items - demonstrate a clear connection with the reserve's public purpose - public accessibility, equity and broad community use of Crown reserve - consistent with character and scale of existing facilities and intensity of use - maintain and enhance recreational amenity and public safety		- number and % of proposed developments that address and adhere to development guidelines - measure trends over time	High ongoing
- to protect and enhance identified values	B4	Development proposals within the reserve which may directly or indirectly threaten identified values are not permissible.		- as above	High ongoing
- to protect heritage items from inappropriate development and uses	B5	Development and uses which may adversely affect heritage items [ie. significant trees] are not permissible. Development in the vicinity of a heritage item should compliment its character and integrity.		- as above	High ongoing
Desired Outcomes: To establish guidelines for assessing leases, licences and other estate					
- to protect reserve's values and role from inappropriate leases, permits and commercial activities	C1	Ensure that all licences for commercial activities or non-profit community or educational activities are in accordance with: - Crown policy, adopted Council policy and permitted uses - Development guidelines as outlined in this Plan [see items B1-B5].		- number of licences approved in accordance with this Plan. - measure trends over time	High ongoing

Management Strategies

Victoria Park (continued)

	Performance Target (strategies)	Item	Means of Achievement (Management Actions)	Means of Assessment (of the actions)	Priority
natural/ cultural	Desired Outcomes: To establish guidelines for assessing leases, licences and other estate [cont'd]	C2	Conduct thorough consultation with the Department of Land and Water Conservation in the drafting of new lease agreements.	- leases prepared in accordance with DLWC policy	Medium ongoing
		C3	Investigate options for establishing lease agreements with clubs and associations at this reserve.	- investigation completed and recommendations implemented	Medium ongoing
		C4	This Plan of Management expressly authorizes the leasing/licencing or granting of any other estate over the land, subject to the provisions outlined in items C1-C2 above and that the permitted use is consistent with the reserve's public purpose and the requirements of the Crown Lands Act.	- lease[s] granted in accordance with this Plan	Medium ongoing
		Desired Outcome: To protect and enhance the reserve's natural/ cultural setting and promote environmentally sustainable management practices			
environmental/ heritage	Environmental Management: - to implement actions which will restrict incremental impacts on this Crown reserve - to control and manage weed species and facilitate regeneration of native species - to adequately address stormwater and catchment management issues - to provide appropriate protection and management of significant trees - to enhance cultural landscape amenity and shade	D1	Continue to develop an integrated weed management and riparian corridor rehabilitation strategy along Stonequarry Creek. Support the development of a local volunteer 'landcare' network. Continue rehabilitation using locally sourced indigenous species. Promote diversity of habitats, long term ecological sustainability, improved catchment management and water quality.	- % of disturbed area regenerated/ rehabilitated over 5 years - number of 'landcare' volunteers/ reserve area under rehabilitation/ regeneration	High ongoing
		D2	Continue to improve local catchment management by reducing level of pollutants, rubbish, nutrients/ pesticides and weeds entering Stonequarry Creek [ie. installation of GPTs, sedimentation/ wetland basins, regular maintenance of structures]. Monitor changes to the creek including increased gully erosion, altered drainage alignment/ flow patterns and water quality.	- number and type of catchment management initiatives implemented over 5 year period - annual monitoring of changes to creek and water quality	High ongoing
		D3	Protect and manage unique natural/ cultural setting and landscape heritage. Provide appropriate protection and arboricultural management for significant trees. Schedule significant trees in Council's LEP. Cultivate and turf northern area adjoining AH&I Society [under significant trees]. Re-align and define northern internal road access/ remove southern through access and circulation around oval [see items E5 and E8].	- improved vigour and longevity for significant trees - appropriate protection of heritage items under LEP	High ongoing

Management Strategies

Victoria Park (continued)

Performance Target (strategies)	Item	Means of Achievement (Management Actions)	Means of Assessment (of the actions)	Priority
<p>Desired Outcome: To maintain and enhance the reserve's recreational uses, facilities, public access and amenities</p> <p>Recreation/ Visitor Management</p> <ul style="list-style-type: none"> - to develop a strategy which will respond to increasing regional demands on recreation opportunities - to develop opportunities for multi-use of playing field and ensure a sustainable level of use - to adequately maintain playing surface - to assist user groups in improving recreational facilities - to develop a second mini-field which would partially address current over-use of existing playing field - to implement actions which will restrict incremental impacts on this Crown reserve 	E1	<p>Upgrade Existing Clubhouse/ Oval Facilities: Address poor condition of clubhouse and facilities. Remove all rubbish and storage containers. Note: Upgrading of existing building and facilities is subject to the Picton Flood Policy [Annual Event Probability: 1% AEP].</p> <p>Upgrade clubhouse [option 1A] Demolish and remove existing clubhouse building and awning/ raise and extend structural floor level and construct new clubhouse in same location [subject to flood policy provisions]. Continue to maintain and upgrade oval playing surface. Upgrade pole-mounted floodlighting [incl. additional poles and fixtures] for evening training on oval.</p>	<ul style="list-style-type: none"> - investigations completed and works implemented subject to Option 1A or 1B proceeding and availability of capital works funding 	Medium ongoing
	E2	<p>Construct small mini-field for juniors. Remove/ relocate existing office and Community Nursery facilities to Wonga Road. Preparation to include removal of tennis court hardstand, re-grading, sub-grade drainage, soil cultivation, installation of automatic irrigation and turfing.</p>	<ul style="list-style-type: none"> - capital works implemented subject to further investigation and funding 	Medium ongoing
	E3	<p>Promote co-operation and integration of facilities between Victoria Park and AH & I Society. Review opportunities for club/ association to improve tenure and security lease arrangements for the AH & I Society's oval. Jointly upgrade public amenities block [incl. lighting] for AH & I Society and reserve user groups. Retain open boundary [no fence].</p>	<ul style="list-style-type: none"> - improved communications, security and tenure for club/ association - dispersal of sporting group activities - shared use of facilities 	High ongoing
	E4	<p>Continue to investigate options for leasing Department of Education land for touch-football competition [between Coull Street and Stonequary Creek].</p>	<ul style="list-style-type: none"> - investigations completed and works implemented subject to agreement and funding 	Medium ongoing

Management Strategies

Victoria Park (continued)

	Performance Target (strategies)	Item	Means of Achievement (Management Actions)	Means of Assessment (of the actions)	Priority
recreational facilities, access & circulation	<p>Desired Outcome: To maintain and enhance the reserve's recreational uses, facilities, public access and amenities (cont'd)</p> <p>Recreation/ Visitor Management (cont'd)</p> <ul style="list-style-type: none"> - to rationalize existing internal vehicular access, circulation and parking - to address public safety and risk management issues - to enhance opportunities for public access, circulation and linkages for a range of user groups (eg. people with disabilities, frail, aged, children, strollers, etc) - to enhance passive recreational opportunities 	E5	<p>Vehicular Access and Carparking</p> <p>Install bollards or post and rail fence to prevent vehicle access south of the existing clubhouse. Retain unsealed vehicular access between clubhouse and Menangle Street (subject to clubhouse requirements - see option 1A)</p> <p>Re-align vehicular access and reduce road area [see item D3].</p>	- works implemented subject to investigation and funding	Medium
		E6	Relocate existing vehicular access on Webster street [no public access - service vehicle use only].	- works implemented subject to investigation and funding	Medium
		E7	<p>Public Access, Circulation and Signage</p> <p>Continue to improve quality of public access, recreational linkages and pedestrian circulation, providing an integrated system of pathways and signage. Provide easy, graded access to all facilities.</p>	- capital works implemented subject to funding	Medium ongoing
		E8	<p>Remove vehicular access around oval/ southern end of park [see item E5] and replace with compacted decomposed granite pedestrian pathway.</p> <p>Maintain existing security fence along top of steep embankment.</p> <p>Install pedestrian access gate in south-western corner of the park and provide path linkage.</p>	- capital works implemented subject to funding	Medium ongoing
		E9	Investigate options for Lach Nicholson Memorial Yards: relocation to AH&I Society site or demolition to address safety and risk management issues.	- maintenance/ capital works implemented subject to further investigation and funding	High ongoing
		E10	Investigate feasibility of developing a walking track/ pedestrian linkage between Victoria Park and Wonga Road Reserve via Stonequary Creek and upper Redbank Creek. Develop opportunities for a heritage/ bushwalking track as part of a regional tourist-orientated circuit including interpretation of cultural heritage items (eg. significant trees, Menangle Street railway viaduct), environmental and ecological values].	- capital works implemented subject to further investigation and funding	Medium

Management Strategies

Victoria Park (continued)

Performance Target (strategies)	Item	Means of Achievement (Management Actions)	Means of Assessment (of the actions)	Priority
Desired Outcome: To maintain and enhance the reserve's recreational uses, facilities, public access and amenities (cont'd)				
Recreation/ Visitor Management (cont'd) - to address the needs of recreational user groups in the provision of facilities and amenities - to enhance recreational opportunities - to provide an appropriate level of maintenance for facilities and amenities - to assist user groups in improving recreational facilities - to address visitor orientation and facilitate public access	E11	Public Amenities, Change-rooms and Clubhouse: Continue to liaise with management committee [MC] in the provision, maintenance and upgrading of existing public amenities, clubhouse/ change-rooms, storage and security [see item E1].	- works implemented subject to investigation and funding - monitor changes and trends over time	Medium ongoing
	E12	Install lighting to public amenities near Webster Street. Investigate option for removal [subject to new clubhouse facilities - see Option 1A].	- works in accordance with s.355 Operations Manual	High
	E13	Continue to implement cleaning, general maintenance and repairs in accordance with responsibilities as scheduled in Operations Manual for s.355 Committees [Appendix 2]. Develop appropriate service level agreements [SLA] for public amenities, change-rooms and litter collection.	- Council/ MC's responsibilities clearly defined - maintenance contracts established in accordance with SLA - monitor changes in complaints/ satisfaction by user groups	High ongoing
	E14	Assist club/ association in seeking appropriate State government funding for upgrades to sporting/ recreational facilities and amenities.	- number of applications, success rate/ contribution amounts - works implemented subject to appropriate funding	High ongoing
	E15	Rationalize existing signage/ develop an integrated signage system. - install identification and directional signage at the Menangle Street entry and proposed pedestrian entry/ gates in south-western corner of reserve.	- capital works implemented subject to funding	Medium ongoing
	E16	Install additional 50-80L litter bins around perimeter of playing field and ensure regular collection, particularly following weekend sporting events.	- works and maintenance in accordance with s.355 Operations Manual	High ongoing
	E17	Companion Animal Management Investigate establishment of Companion Animal recreational area.	- investigation completed and recommendations implemented	High

Management Strategies

Hume Oval

Performance Target (strategies)	Item	Means of Achievement (Management Actions)	Means of Assessment (of the actions)	Priority
<p>natural/cultural setting</p> <ul style="list-style-type: none"> - to ensure thorough community consultation in any development proposals - to protect reserve's values from inappropriate development - to protect and enhance identified values 	B1	<p>Desired Outcome: To establish an appropriate land management framework for this Community land and sportsground</p> <p>Desired Outcome: To establish guidelines for assessing development proposals and impacts</p> <p>Core Objective: Management of Community Land categorised as a sportsground (36F)</p> <ul style="list-style-type: none"> a.) to encourage, promote and facilitate recreational pursuits in the community involving organised and informal sporting activities and games, and b.) to ensure that such activities are managed having regard to any adverse impact on nearby residences. <p>Core Objective: Management of community land categorised as a park (36G)</p> <ul style="list-style-type: none"> a.) to encourage, promote and facilitate recreational, cultural, social and educational pastimes and activities, and; b.) to provide for passive recreational activities or pastimes and for the casual playing of games, and; c.) to improve the land in such a way as to promote and facilitate its use to achieve the other core objectives for its management. <p>Core Objective: Management of community land categorised as general community use (36I)</p> <p>To promote, encourage and provide for the use of the land, and to provide facilities on the land, to meet the current and future needs of the local community and of the wider public:</p> <ul style="list-style-type: none"> a.) in relation to public recreation and the physical, cultural, social and intellectual welfare or development of individual members of the public, and; b.) in relation to purposes for which a lease, licence or other estate may be granted in respect of the land (other than the provision of public utilities and works associated with or ancillary to public utilities). <p>Core Objective: Management of community land categorised as a watercourse (36M)</p> <ul style="list-style-type: none"> a.) to manage watercourses so as to protect the biodiversity and ecological values of the instream environment, particularly in relation to water quality and water flows, and; b.) to manage watercourses so as to protect the riparian environment, particularly in relation to riparian vegetation and habitats and bank stability, and; c.) to restore degraded watercourses, and; d.) to promote community education, and community access to and use of the watercourse, without compromising the other core objectives of the category. 	<ul style="list-style-type: none"> - level of community consultation used in any new development within reserve 	ongoing
	B2	<ul style="list-style-type: none"> - continue to promote an open, community-based consultative process with all development proposals in this reserve. - ensure consistency with the Local Government Act 1993 and Local Government Amendment [Community Land Management] Act 1998, including Core objectives for community land, Council's adopted LEP, Council policy and all other relevant legislation. 	<ul style="list-style-type: none"> - number and % of changes to area not consistent with relevant legislation and policy 	High ongoing
	B3	<ul style="list-style-type: none"> - Development proposals within the reserve must address the following: <ul style="list-style-type: none"> - environmental sustainability and protection of identified values - consistent with character and scale of existing facilities and intensity of use - maintain and enhance recreational amenity and public safety 	<ul style="list-style-type: none"> - number and % of proposed developments that address and adhere to development guidelines - measure trends over time 	High ongoing
	B4	<ul style="list-style-type: none"> - Development proposals within the reserve which may directly or indirectly threaten identified values are not permissible. 	<ul style="list-style-type: none"> - as above 	High ongoing

Management Strategies

Hume Oval (continued)

	Performance Target (strategies)	Item	Means of Achievement (Management Actions)	Means of Assessment (of the actions)	Priority
natural/ cultural setting	<p>Desired Outcome: To establish guidelines for assessing leases, licences and other estate</p> <p>Core Objectives: Management of Community Land categorised as a sportsground (36F), park (36G), general community use (36I) and watercourse (36M)</p>				
	- to protect reserve's values and role from inappropriate leases, permits and commercial activities	C1	<p>Ensure that all licences for commercial activities or non-profit community or educational activities are in accordance with:</p> <ul style="list-style-type: none"> - adopted Council policy and permitted uses - operation of activity is consistent with reserve's values and core objectives - Development guidelines as outlined in this Plan [see items B1-B4] 	<ul style="list-style-type: none"> - number of licences approved in accordance with this Plan. - measure trends over time 	High ongoing
		C2	<p>Investigate options for establishing lease/ licence agreements with clubs and associations at this sportsground.</p>	<ul style="list-style-type: none"> - investigation completed and recommendations implemented 	High ongoing
		C3	<p>This Plan of Management expressly authorizes the leasing/ licencing or granting of any other estate over the land, subject to the provisions outlined in item C1 above and the following:</p> <p><i>Leases/ licences on Community Land:</i></p> <p>that the permitted use is consistent with the core objectives for identified categories of community land, in accordance with the requirements of the Local Government Act s.46A, 47A, 47B and 47E.</p>	<ul style="list-style-type: none"> - leasing/ licencing or any other estate granted in accordance with this Plan 	High ongoing
environmental	<p>Desired Outcome: To protect and enhance the reserve's natural/ cultural setting and promote environmentally sustainable management practices</p> <p>Core Objectives: Management of Community Land categorised as a sportsground (36F), park (36G), general community use (36I) and watercourse (36M)</p>				
	<p>Environmental Management:</p> <ul style="list-style-type: none"> - to establish objective limits on the type and amount of acceptable change imposed on the natural/ cultural setting - to control and manage weed species and facilitate regeneration of native species - to enhance cultural landscape amenity and shade 	D1	<p>Continue to develop an integrated strategy in catchment/ weed management and bush regeneration along Stonequarry Creek. Support the development of a local volunteer 'landcare' network. Continue rehabilitation of riparian corridor using locally sourced indigenous species. Increase diversity and ecosystem durability [incl. planting of local dry rainforest groundcovers, grasses, climbers/ vines]</p>	<ul style="list-style-type: none"> - % of disturbed area regenerated/ rehabilitated over 5 years - number of 'landcare' volunteers/ reserve area under rehabilitation/ regeneration 	High ongoing
D2		<p>Protect and manage unique natural/ cultural setting: bushland along creek and the cultural exotic tree plantings as a backdrop to the 'village green' and adjoining Botanic Gardens.</p>	<ul style="list-style-type: none"> - annual monitoring/ implementation of appropriate tree management and arboricultural/ landscape practices 	Medium ongoing	

Management Strategies

Hume Oval (continued)

	Performance Target (strategies)	Item	Means of Achievement (Management Actions)	Means of Assessment (of the actions)	Priority	
environmental	<p>Desired Outcome: To protect and enhance the reserve's natural/ cultural setting and promote environmentally sustainable management practices</p> <p>Core Objectives: Management of Community Land categorised as a sportsground (36F), park (36G), general community use (36I) and watercourse (36M)</p> <p>Environmental Management:</p> <ul style="list-style-type: none"> - to establish objective limits on the type and amount of acceptable change imposed on the natural/ cultural setting - to implement actions which will restrict incremental impacts on this community land - to control and manage weed species and facilitate regeneration of native species - to adequately address stormwater and catchment management issues - to enhance cultural landscape amenity and shade 	D3	Provide local native tree and groundcover planting along northern and north-eastern boundary to screen existing fences and provide greater privacy to neighbouring residents [no shrub planting to boundary].	- number and species planted/ survive after five years	High ongoing	
		D4	Enhance visual and environmental qualities of north-eastern portion of the sportsground through additional landscaping [see items E13].	- capital works implemented subject to funding	Medium ongoing	
		D5	Continue to improve local catchment management by reducing level of pollutants, rubbish, nutrients/ pesticides and weeds entering creek [ie. installation of GPTs, sedimentation/ wetland basins, regular maintenance of structures]. Monitor changes to Stonequarry Creek including increased gully erosion, altered drainage alignment/ flow patterns and water quality.	- number and type of catchment management initiatives implemented over 5 year period	High ongoing	
		D6	Install temporary low-key post and rail fencing to top of creek embankment to prevent existing unauthorised BMX activity. Rehabilitate eroded embankment tracks. Refer to Tahmoor S/G [item E12] for proposed integrated BMX facilities.	- fencing/ rehabilitation works implemented	High ongoing	
		D7	Continue community education programme to address dumping of rubbish and garden refuse within the reserve and adjoining road verges.	- % of disturbed area regenerated/ rehabilitated over 5 years	High ongoing	
					- BMX circuit constructed at Tahmoor S/G subject to further investigation and funding	
					- % change to management problems investigated	High ongoing
recreation	<p>Desired Outcome: To maintain and enhance the oval's recreational uses, facilities, public access and amenities</p> <p>Core Objectives: Management of Community Land categorised as a sportsground (36F), park (36G), general community use (36I) and watercourse (36M)</p> <ul style="list-style-type: none"> - to develop a strategy which will respond to increasing regional demands on recreation opportunities - to develop opportunities for multi-use of playing field and ensure a sustainable level of use - to adequately maintain playing surface - to assist user groups in improving recreational facilities 	E1	Oval/ playing field [cricket and soccer] Investigate opportunities for improved cricket/ soccer venue with upgrading and re-development of existing oval. Increase size of oval and extending picket fencing to the north-west to enhance cricket opportunities.	- capital works implemented subject to further investigation and funding	Medium ongoing	
		E2	Replace existing synthetic turf cricket pitch with natural turf to address safety/ risk management issues	- works in accordance with s.355 Operations Manual	High	
		E3	Install appropriate sub-surface drainage, backfill and level area along northern boundary of oval to address periodic waterlogging	- works in accordance with s.355 Operations Manual	High	
		E4	Construct two cricket nets with synthetic surface in north-west location adjacent oval [minimizing potential negative impact on neighbouring residents]	- works in accordance with s.355 Operations Manual	Medium	
		E5	Assist clubs/ associations in seeking appropriate State government funding for upgrades to sporting/ recreational facilities and amenities, particularly soccer club facilities [ie. grandstand/ awning, change-rooms and storage]	- works implemented subject to appropriate funding	High ongoing	

Management Strategies

Hume Oval (continued)

	Performance Target (strategies)	Item	Means of Achievement (Management Actions)	Means of Assessment (of the actions)	Priority
recreation, access & circulation	<p>Desired Outcome: To maintain and enhance the oval's recreational uses, facilities, public access and amenities</p> <p>Core Objectives: Management of Community Land categorised as a sportsground (36F), park (36G), general community use (36I) and watercourse (36M)</p> <p>Recreation/ Visitor Management</p> <ul style="list-style-type: none"> - to address the needs of recreational user groups in the provision of facilities and amenities - to provide an appropriate level of maintenance for facilities and amenities - to assist user groups in improving recreational facilities 				
		E6	<p>Public Amenities, Change-rooms, Storage and Security</p> <p>Continue to liaise with management committee [MC] in the provision, maintenance and upgrading of existing public amenities, clubhouse/ change-rooms, grandstand, storage and security</p>	<ul style="list-style-type: none"> - works implemented subject to investigation and funding 	Medium ongoing
		E7	<p>Continue to implement cleaning, general maintenance and repairs in accordance with responsibilities as scheduled in Operations Manual for s.355 Committees [Appendix 2]. Develop appropriate service level agreements [SLA] for public amenities, change-rooms and litter collection.</p>	<ul style="list-style-type: none"> - Council/ MC's responsibilities clearly defined - maintenance contracts established in accordance with SLA - monitor changes in complaints/ satisfaction by user groups 	High ongoing
		E8	<p>Provide secure litter/ recycling storage facility on site</p>	<ul style="list-style-type: none"> - facility installed in accordance with requirements 	Medium
		E9	<p>Tennis courts & facilities</p> <p>Continue to maintain and upgrade tennis courts and facilities. Investigate options for developing new tennis clubhouse within facility. Retain and upgrade existing tennis clubhouse for juniors.</p>	<ul style="list-style-type: none"> - maintenance and capital works implemented in accordance with s.355 Operations Manual and funding 	Medium ongoing
		E10	<p>Address security and tenure arrangements [for leasing refer to items C1-C3].</p>	<ul style="list-style-type: none"> - leasing arrangements in accordance with this Plan 	High
		E11	<p>Upgrade public amenities and maintain broad public access for all visitors and user groups of the oval.</p>	<ul style="list-style-type: none"> - works in accordance with s.355 Operations Manual - broad community access to public amenities maintained 	Medium ongoing
		E12	<p>Continue improvements to shade structures, BBQ/ picnic facilities, seating, landscaping and amenity. Provide deciduous/ shade tree planting between oval and tennis courts.</p>	<ul style="list-style-type: none"> - maintenance and capital works implemented in accordance with s.355 Operations Manual and funding 	Medium ongoing
		E13	<p>1st Picton Scout Hall</p> <p>Investigate opportunities to improve exterior quality of scout hall. Upgrade pedestrian access/ entry to the scout hall and delineate functional outdoor areas, including appropriate landscaping to address visual quality. Construct timber paling fence to eastern boundary and provide additional native planting.</p>	<ul style="list-style-type: none"> - maintenance and capital works implemented in accordance with s.355 Operations Manual and funding 	High ongoing
		E14	<p>Address lease arrangements for building and curtilage [see items C1-C3]. Provide opportunities for broader community access and use of hall.</p>	<ul style="list-style-type: none"> - leasing arrangements in accordance with this Plan - number of hall bookings by other community groups 	High ongoing

Management Strategies

Hume Oval (continued)

	Performance Target (strategies)	Item	Means of Achievement (Management Actions)	Means of Assessment (of the actions)	Priority
recreational facilities, access & circulation	<p>Desired Outcome: To maintain and enhance the sportsground's recreational uses, facilities, public access and amenities</p> <p>Core Objectives: Management of Community Land categorised as a sportsground (36F), park (36G), general community use (36I) and watercourse (36M)</p>				
	Recreation/ Visitor Management (cont'd) - to enhance opportunities for public access, circulation and linkages for a range of user groups (eg. people with disabilities, frail, aged, children, strollers, etc) - to address visitor orientation and facilitate public access - to address visitor orientation and facilitate public access	E15	Public Access, Circulation and Signage Continue to improve quality of public access, recreational linkages and pedestrian circulation, providing an integrated system of pathways & signage Provide easy, graded access to all recreational facilities and amenities. Maintain low key landscape character of existing decomposed granite pathway along Stonequarry Creek.	- capital works implemented subject to further investigation and funding	Medium ongoing
		E16	Rationalize existing regulatory signage/ develop an integrated signage system. - install sportsground/ facilities identification and directional signage at the main vehicular entry points off Downing Street and adjacent to the Bowling Club - install identification and directional signage along recreational pathways [ie. adjoining Botanic Gardens/ circuit linkages] - install identification signage to buildings and facilities	- capital works implemented subject to further investigation and funding	Medium ongoing
	- to rationalize existing vehicular entry/ access, circulation and parking - to address safety and risk management issues - to provide enhanced opportunities for public access and off-street parking adjacent to the oval and its facilities	E17	Investigate opportunities for constructing shared pedestrian/ bikepath access linking Downing Street to existing pathway along Stonequarry Creek.	- capital works implemented subject to further investigation and funding	Medium ongoing
		E18	Proposed Vehicular Access & Carparking Area [off Downing Street] Construct semi-formalised carparking area to address ad hoc parking and poor visual quality. Remove all stockpiled materials and re-grade carparking area. Install compacted decomposed granite finish for approx. 50 car spaces. Install bollards/ post and rail perimeter fence to car park and landscape area.	- capital works implemented subject to further investigation and funding	Medium
E19	Investigate future opportunities for upgrading existing unsealed carparking area adjacent to tennis courts and Bowling Club. Provide easy public access from carpark to tennis courts [this area not covered by this Plan].	- capital works implemented subject to further investigation and funding	Medium		

Management Strategies

Wonga Road Reserve

Performance Target (strategies)	Item	Means of Achievement (Management Actions)	Means of Assessment (of the actions)	Priority
natural/cultural setting		<p>Desired Outcome: To establish an appropriate land management framework for this community land</p> <p>Core Objective: Management of community land categorised as a park (36G)</p> <p>a.) to encourage, promote and facilitate recreational, cultural, social and educational pastimes and activities, and;</p> <p>b.) to provide for passive recreational activities or pastimes and for the casual playing of games, and;</p> <p>c.) to improve the land in such a way as to promote and facilitate its use to achieve the other core objectives for its management.</p> <p>Core Objective: Management of community land categorised as Natural Area: bushland (36J)</p> <p>a.) to ensure the ongoing ecological viability of the land by protecting the ecological biodiversity and habitat values of the land, the flora and fauna (including invertebrates, fungi and micro-organisms) of the land and other ecological values of the land, and;</p> <p>b.) to protect the aesthetic, heritage, recreational, educational and scientific values of the land, and;</p> <p>c.) to promote the management of the land in a manner that protects and enhances the values and quality of the land and facilitates public enjoyment of the land, and to implement measures directed to minimising or mitigating any disturbance caused by human intrusion.</p> <p>d.) to restore degraded bushland, and;</p> <p>e.) to protect existing landforms such as natural drainage lines, water courses and foreshores, and;</p> <p>f.) to retain bushland in parcels of a size and configuration that will enable the existing plant and animal communities to survive in the long term, and;</p> <p>g.) to protect bushland as a natural stabiliser of the soil surface.</p> <p>Core Objective: Management of community land categorised as Natural Area: watercourse (36M)</p> <p>a.) to manage watercourses so as to protect the biodiversity and ecological values of the instream environment, particularly in relation to water quality and water flows, and;</p> <p>b.) to manage watercourses so as to protect the riparian environment, particularly in relation to riparian vegetation and habitats and bank stability, and;</p> <p>c.) to restore degraded watercourses, and;</p> <p>d.) to promote community education, and community access to and use of the watercourse, without compromising the other core objectives of the category.</p>		
				<p>Community and recreational needs addressed.</p> <p>Works implemented subject to further investigation and funding</p> <p>Subject land provided appropriate protection and conservation status under the land management objectives of this Plan.</p>
		<p>Desired Outcome: To establish guidelines for assessing development proposals and impacts</p> <p>- to ensure thorough community consultation in any development proposals</p> <p>- to protect reserve's values from inappropriate development</p>	<p>- continue to promote an open, community-based consultative process with all development proposals in this reserve</p> <p>- ensure consistency with the Local Government Act 1993 and Local Government Amendment [Community Land Management] Act 1998, including Core objectives for community land, Council's adopted LEP, Council policy and all other relevant legislation.</p>	<p>ongoing</p> <p>High ongoing</p>

Management Strategies

Wonga Road Reserve (continued)

	Performance Target (strategies)	Item	Means of Achievement (Management Actions)	Means of Assessment (of the actions)	Priority
natural/cultural setting	<p>Desired Outcome: To establish guidelines for assessing development proposals and impacts</p> <p>Core Objective: Management of community land categorised as a park (36G), bushland (36J) and watercourse (36M)</p> <ul style="list-style-type: none"> - to protect reserve's values from inappropriate development - to protect and enhance identified values - to protect endangered ecological communities from inappropriate development and uses 	B3	<p>Development proposals within the reserve must address the following:</p> <ul style="list-style-type: none"> - environmental sustainability - demonstrate a positive environmental impact for the disturbed site - adequately provide for public access, equity and broad community use - ensure future permitted uses, scale and intensity of use are consistent with reserve's existing natural, environmental and scenic values - maintain and enhance recreational amenity and public safety 	<ul style="list-style-type: none"> - number and % of proposed developments that address and adhere to development guidelines - measure trends over time 	Medium ongoing
		B4	<p>Development proposals within the reserve which may directly or indirectly threaten natural, environmental and scenic values are not permissible.</p>	- as above	Medium ongoing
		B5	<p>Development and uses which may adversely impact on vegetation which is scheduled under the TSC Act are not permissible.</p>	- as above	Medium ongoing
			<p>Desired Outcomes: To establish guidelines for assessing leases, licences and other estates</p> <p>Core Objective: Management of community land categorised as a park (36G), bushland (36J) and watercourse (36M)</p> <ul style="list-style-type: none"> - to protect reserve's values from inappropriate leases, permits and commercial activities 	C1	<p>Ensure that all future licences for commercial activities or non-profit community or educational activities are in accordance with:</p> <ul style="list-style-type: none"> - adopted Council policy and permitted uses - operation of activity is consistent with reserve's values and core objectives - Development guidelines as outlined in this Plan [see items B1-B5].
		C2	<p>This Plan of Management expressly authorizes the leasing/ licencing or granting of any other estate over the land, subject to the provisions outlined in item C1 above and the following:</p> <p><i>Leases/ licences on Community Land:</i></p> <p>that the permitted use is consistent with the core objectives for identified categories of community land, in accordance with the requirements of the Local Government Act s.46A, 47A, 47B and 47E.</p> <p>Easements in relation to Community Land:</p> <p>This Plan of Management expressly authorises the granting of easements over the land for the purpose of providing pipes, conduit or other connections under the surface of the ground. This is limited to easements that connect land adjoining community land to an existing water, sewer, drainage or electrical facility of Council or other public utility provider located on Community land.</p>	<ul style="list-style-type: none"> - leasing/ licencing or any other estate granted in accordance with this Plan 	Medium ongoing
		C3	<p>Easements in relation to Community Land:</p> <p>This Plan of Management expressly authorises the granting of easements over the land for the purpose of providing pipes, conduit or other connections under the surface of the ground. This is limited to easements that connect land adjoining community land to an existing water, sewer, drainage or electrical facility of Council or other public utility provider located on Community land.</p>	<ul style="list-style-type: none"> - number of easements granted in accordance with this Plan. 	Medium ongoing

Management Strategies

Wonga Road Reserve (continued)

Performance Target (strategies)	Item	Means of Achievement (Management Actions)	Means of Assessment (of the actions)	Priority
environmental/ biodiversity Desired Outcome: To protect and enhance the reserve's natural/ cultural setting and promote environmentally sustainable management practices Core Objective: Management of community land categorised as a park (36G), bushland (36J) and watercourse (36M) Environmental Management: - to address conservation significance of native flora and fauna and ensure long term protection and viability - to establish objective limits on the type and amount of acceptable change imposed on the natural setting - to implement actions which will restrict incremental impacts on these reserves - to control and manage weed species and facilitate regeneration of native species - to adequately address stormwater and catchment management issues				
	D1	Protect, manage and where appropriate rehabilitate Shale/ Sandstone Transition Forest and Western Sydney Dry Rainforest [incl. all under-storey] as scheduled under TSC Act 1995.	- no net loss of endangered ecological communities	High ongoing
	D2	Ensure appropriate protection and management of scenic, environmental and biodiversity values.	- significant values protected and enhanced	High ongoing
	D3	Seek funding to prepare a biodiversity survey of fauna and flora within the steep gorge area [incl. faunal trapping focussing on threatened species].	- biodiversity survey prepared and recommendations implemented subject to funding	Medium
	D4	Conduct an ecological assessment to assist in determining appropriate fire regimes for endangered ecological communities.	- ecological assessment prepared and recommendations implemented subject to funding	Medium
	D5	Protect and where possible enhance faunal corridors and habitat values associated with the contiguous bushland of the Redbank Creek and Stonequarry Creek gorges.	- faunal corridors protected and enhanced	High ongoing
	D6	Protect fragile edge condition to bushland/ land-fill interface [ie. prevent further weed invasion, trampling of seedlings, multiple tracking and erosion].	- fragile areas identified and protected	High ongoing
	D7	Rehabilitate highly disturbed interface with Council Dog Pound	- % of disturbed area regenerated/ rehabilitated over 5 years	High ongoing
	D8	Support the development of a local volunteer 'landcare' network. Investigate opportunities to involve students from Picton High School in programme ensuring that all safety and risk management issues would be addressed.	- number of 'landcare' volunteers/ reserve area under rehabilitation/ regeneration	Medium ongoing
	D9	Develop and implement an appropriately integrated fire hazard management, bushland/ weed management and rehabilitation strategy. Employ minimal disturbance weed management methods to control further weed encroachment from adjoining land-fill site.	- co-ordinated implementation of the environmental strategy - % of disturbed area regenerated/ rehabilitated over 5 years	High ongoing
	D10	Continue to develop and prioritize upper catchment stormwater management initiatives [ie. improved litter/ rubbish management, controls on discharged pollutants, nutrients, pesticides and weeds from upstream urban development and agricultural land uses]. Remove existing rubbish, tyres and other dumped materials from Redbank Creek.	- number and type of catchment management initiatives implemented within upper catchment over 5 year period - annual monitoring of changes to creek and water quality	High ongoing

Management Strategies

Wonga Road Reserve (continued)

	Performance Target (strategies)	Item	Means of Achievement (Management Actions)	Means of Assessment (of the actions)	Priority	
heritage	<p>Desired Outcome: To protect and enhance the reserve's heritage values [subject to further investigation]</p> <p>Core Objective: Management of community land categorised as an area of cultural significance [subject to further investigation]</p>					
	<p>Indigenous Heritage:</p> <ul style="list-style-type: none"> - no confirmed sites in this Plan 	E1	Conduct a review with National Parks/ Aboriginal Land Working Group to identify if any significant sites are present within this reserve [ie the Redbank Creek gorge].	- investigation conducted and recommendations implemented	Medium ongoing	
	<p>Cultural Heritage:</p> <ul style="list-style-type: none"> - to investigate potential heritage values associated with existing structures 	E2	Investigate potential heritage values of existing derelict 'night-soil' buildings. Review opportunities for interpretation and/ or adaptive re-use on a natural/ cultural heritage walk. Retain/ protect or demolish structures in accordance with investigations and core objectives identified in this Plan.	- investigation conducted and recommendations implemented	Medium ongoing	
recreation, access & circulation	<p>Desired Outcome: To protect and enhance the reserve's natural/ cultural setting and promote environmentally sustainable management practices</p> <p>Core Objective: Management of community land categorised as a park (36G), bushland (36J) and watercourse (36M)</p>					
	<p>Recreation/ Visitor Management</p> <ul style="list-style-type: none"> - to ensure reserve's outstanding values are adequately protected from recreational impacts - to establish objective limits on the type and amount of acceptable change imposed on the natural setting - to implement actions which will restrict incremental impacts - to develop a strategy which will respond to increasing regional demands on passive recreational opportunities - to enhance opportunities for broad community use and interaction with other adjoining activities 	F1	<p>Rehabilitation/ development of land-fill site</p> <p>Investigate 'self-funding' opportunities for reserve's future rehabilitation and recreational development. Invite 'Expressions of Interest' for appropriate rehabilitation [incl. re-grading, capping, turfing and landscaping] and development of the disturbed land-fill site [eg. pitch & putt course/ driving range or companion animal recreation activities or pony club]. Establish an appropriate lease boundary confined to the disturbed land-fill site [no lease boundary fencing to be installed unless considered necessary for the operation of the activity].</p>	<ul style="list-style-type: none"> - options investigated and assessed on cost/ benefit for the community - capital works implemented subject to investigations and funding - lease established in accordance with this Plan 	Medium ongoing	
			F2	Investigate opportunities for land-fill site development to fund passive recreational facilities, access and linkages within reserve [see F1 and F4-F8].	- capital works implemented subject to funding	Medium ongoing
			F3	Review opportunities for integration of reserve with proposed development of the Council Dog Pound site [e.g. community nursery, 'landcare' initiatives, permaculture, unleashed dog exercise area/ dog obedience training and environmental education].	<ul style="list-style-type: none"> - options investigated and assessed on cost/ benefit for the community - capital works implemented subject to funding 	Medium ongoing

Management Strategies

Wonga Road Reserve (continued)

	Performance Target (strategies)	Item	Means of Achievement (Management Actions)	Means of Assessment (of the actions)	Priority		
recreation, access & circulation	<p>Desired Outcome: To protect and enhance the reserve's natural/ cultural setting and promote environmentally sustainable management practices</p> <p>Core Objective: Management of community land categorised as a park (36G), bushland (36J) and watercourse (36M)</p> <p>Recreation/ Visitor Management [cont'd]</p> <ul style="list-style-type: none"> - to enhance opportunities for public access, circulation and linkages for a range of user groups. - to provide low-key passive recreational facilities - to enhance opportunities for interpretation of heritage values 						
		F4	<p>Rehabilitation/ development of land-fill site</p> <p>Stage 1: Develop 'scenic rim' walking track linking Wonga Road entry/ carpark to existing northern track (along Redbank Creek). Construct low-key track in compacted decomposed granite finish. Protect fragile edge condition to bushland [see item D6]. Ensure walking track and viewing points address all public safety and risk management issues, particularly along the site's north-eastern steep slopes/ cliffs [eg. fencing to lookouts/ steep slopes].</p>	<ul style="list-style-type: none"> - capital works implemented subject to funding - public safety and risk management issues addressed 	Medium		
		F5	<p>Stage 2: Construct low-key passive recreational facilities [incl. public amenities, picnic tables, seating, BBQs, interpretive signage and shelters].</p>	<ul style="list-style-type: none"> - capital works implemented subject to funding 	Medium		
		F6	<p>Stage 3: Investigate feasibility of developing a walking track/ pedestrian linkage between Wonga Road Reserve and Victoria Park via the upper Redbank Creek crossing and Stonequarry Creek. Develop opportunities for a bushwalking/ heritage track as part of a regional tourist-orientated circuit [incl. interpretation of environmental, ecological and cultural heritage values].</p>	<ul style="list-style-type: none"> - capital works implemented subject to further investigation and funding 	Medium		
		F7	<p>Develop integrated identification, directional and interpretive signage system.</p>	<ul style="list-style-type: none"> - capital works implemented subject to funding 	Medium		
		F8	<p>Investigate options for on-site vehicular access and parking or formalize existing parking area adjacent to Council Dog Pound.</p>	<ul style="list-style-type: none"> - capital works implemented subject to further investigation and funding 	Medium		
							Medium
							Medium

Tahmoor Sportsground

Works Schedule & Opinion of Probable Landscape Construction Costs (5-years: Capital & Recurrent Works)

Item	Action	Responsibility	Priority	Capital Cost (\$)	Recurrent Cost (\$)
Land Management: Natural/ Cultural Setting					
A1-A4	Ensure consistency in reservation's public purpose	W.S.C/D.L.W.C	1	n/a	n/a
Permitted Uses/ Activities & Leases/ Licenses:					
B1-B5	Establish guidelines for assessing development proposals and impacts	W.S.C/D.L.W.C	ongoing	n/a	ex
B6	Option 3: No Licensed Club Facility at Tahmoor S/G	WSC/DLWC/ TTESSCC/ MC	n/a	n/a	n/a
C1-C5	Establish guidelines for assessing leases and licences/ authorise the granting of leases as described	W.S.C/D.L.W.C	ongoing	n/a	ex
Environmental Management:					
D1-D6	Protection, rehabilitation and management of endangered ecological community	W.S.C/LC	ongoing	\$20,000.00	\$3,000.00
D7-D8	Local catchment management initiatives/ continuing community education	W.S.C/LC	5	\$40,000.00	\$1,500.00
D9	Planting/ landscaping to enhance visual and environmental amenity	W.S.C/LC	ongoing	\$10,000.00	\$1,500.00
Recreation/ Visitor Management:					
E1	Playing fields: Maintain playing surface, upgrade floodlighting, install post & rail PVC chainwire fence [265m]	W.S.C/M.C	1	\$18,550.00	\$250.00
E2	Upgrade of Little Athletics field incl. floodlighting, irrigation & cricket pitch	W.S.C/M.C/ TTESSCC	3	\$150,000.00	ex
E3	Investigate upgrading of existing courts, developing additional courts and lighting	W.S.C/M.C	ongoing	\$120,000.00	ex
E4-E6	Construct compacted decomposed granite pathways/ bikepaths [1.25km - Tahmoor S/G section only]	W.S.C	5	\$100,000.00	\$5,000.00
E7	Investigate pony trail linkages	W.S.C	3	\$5,000.00	[partial cost for study]
E8	Installation of identification & directional signage to facilities & amenities	W.S.C/M.C/ TTESSCC	5	\$22,000.00	ex
E9	Skateboard ramp: Installation of pathway access, additional seating [4] & upgrade to facility	W.S.C	5	\$27,000.00	ex
	Enhance environmental/ landscape quality incl. installation of picnic tables [6], shelters [3] & BBQs [4]	W.S.C	5	\$85,000.00	\$2,500.00
E10	Construct BMX circuit [356m] incl. landscaping	W.S.C	2	\$55,000.00	\$4,000.00
E11	Install sealed vehicular access incl. threshold treatment at entry, kerb & gutter [1200m2] and upgrade existing carpark [1500m2] incl. kerb & gutter, sealed surface & landscaping	W.S.C/M.C/ TTESSCC	2	\$90,000.00	ex
E12	Install additional security lighting to access road & carparks	W.S.C/ TTESSCC	3	\$112,500.00	ex
E13	Resurface east carpark in compacted decomposed granite [710m2] incl. re-align post & rail fence [126m2]	W.S.C/M.C	4	\$45,000.00	ex
E14-16	Upgrading of 'hall' change-rooms, canteen, storage facilities & public toilets [option 3]	W.S.C/M.C	2	\$30,000.00	ex
E17	Upgrade of existing shared WNA/ WLA clubhouse building and facilities	TTESSCC/ M.C	3	\$25,000.00	ex
		W.S.C/M.C/ TTESSCC	3	\$65,000.00	ex

KEY TO RESPONSIBILITY:

W.S.C: Wollondilly Shire Council;
D.L.W.C: Dept. of Land & Water Conservation
M.C: Management Committee [Tahmoor Sportsground]
TTESSCC: Tahmoor-Thirfimer Ex-Services Sports and Community Club Inc
L.C: Landcare

Notes:

Works Priorities are ranked 1-5 [i.e. 1 = highest priority & 5 = lowest priority]
"ex" refers to sourcing from existing budgets/ staff costs.
"n/a" cost not applicable
"capital cost" includes design/ documentation, construction and supervision costs.
All figures are indicative only and are based on the masterplans in this Plan of Management.

Wollondilly Pony Club & Riding for the Disabled Assoc. Works Schedule & Opinion of Probable Landscape Construction Costs (5-years: Capital & Recurrent Works)

Item	Action	Responsibility	Priority	Capital Cost (\$)	Recurrent Cost (\$)
Land Management: Natural Setting					
A1	Ensure consistency in reservation's public purpose	W.S.C./D.L.W.C	1	n/a	n/a
A2-A3	Environmental protection and management [see items D1-D9]	W.S.C./W.P.C./R.D.A./LC	ongoing	see below	see below
Development & Leases/ Licenses:					
B1-B5	Establish guidelines for assessing development proposals and impacts	W.S.C./D.L.W.C	ongoing	n/a	n/a
C1-C4	Establish guidelines for assessing leases and licences/ authorise the granting of leases as described	W.S.C./D.L.W.C	ongoing	n/a	n/a
Environmental Management:					
D1-D7	Protection, rehabilitation and management of natural vegetation including Shale/Sandstone Transition Forest	W.S.C./W.P.C./R.D.A./LC	1	\$20,000.00	\$10,000.00
D8-D9	Improvements to landscape/ environmental quality	W.S.C./W.P.C./LC	1	see above	see above
Visitor Management:					
E1	Maintenance and upgrading of existing pony trails incl. maintenance of existing fencing, provision of easy access to facilities and amenities, installation of interpretive signage on pony trails. Investigation into opportunities for pony trail linkages along the Myrtle Creek corridor.	W.S.C./W.P.C./R.D.A	ongoing	\$20,000.00	ex
E2-E3	Investigate funding options for maintenance and upgrades to facilities	W.S.C./W.P.C./R.D.A	ongoing	\$8,000.00	[partial cost. for study]
			ongoing	n/a	n/a

KEY TO RESPONSIBILITY:

W.S.C: Wollondilly Shire Council
D.L.W.C: Dept. of Land & Water Conservation
M.C: Management Committee (Wollondilly Pony Club)
LC: Landcare

Notes:

Works Priorities are ranked 1-5 [i.e. 1 = highest priority & 5 = lowest priority]
"ex" refers to sourcing from existing budgets/ staff costs.
"n/a" cost not applicable
"capital cost" includes design/ documentation, construction and supervision costs.
All figures are indicative only and are based on the masterplans in this Plan of Management

Thirlmere Sportsground Works Schedule & Opinion of Probable Landscape Construction Costs (5-years: Capital & Recurrent Works)

Item	Action	Responsibility	Priority	Capital Cost (\$)	Recurrent Cost (\$)
Land Management: Natural/ Cultural Setting					
A1-A2	Ensure consistency in reservation's public purpose	W.S.C/D.L.W.C	1	n/a	n/a
A3	Continue to pursue a favourable resolution for expanded recreational facilities within Greyhound Trial Track	W.S.C/D.L.M.C/M.C	1	n/a	n/a
A4	Investigate recreational facilities options to address existing/ future demand [see items E1-E16]	W.S.C/M.C	1	see below	see below
A5	Investigate options for consolidating contiguous bushland	W.S.C/LC	1	see below	see below
Development & Leases/ Licenses:					
B1-B5	Establish guidelines for assessing development proposals and impacts	W.S.C/D.L.W.C	1	n/a	n/a
C1-C4	Establish guidelines for assessing leases and licences/ authorise the granting of leases as described	W.S.C/D.L.W.C	1	n/a	n/a
Environmental Management:					
D1-D5	Protection, rehabilitation and management of natural vegetation including Shale Sandstone Transition Forest	W.S.C/LC	ongoing	\$20,000.00	\$3,000.00
D6-D7	Enhance and improve landscape/ environmental quality	W.S.C/LC	ongoing	\$10,000.00	\$1,000.00
Visitor Management:					
E1	Construction of new playing field incl. earthworks, drainage, grading, automatic irrigation, topsoil, turfing floodlighting, security fencing to trial track and erection of pedestrian bridge over trial track	W.S.C	3	\$450,000.00	ex
	Construction of clubhouse/ seating area, public amenities and change-rooms	W.S.C	3	\$65,000.00	ex
	Replacement of existing gal. trial track security fence [500m] with suitable alternative i.e 'colourbond' type	W.S.C/M.C	2	\$45,000.00	ex
E2	Construction of mini-field [50 X 70m] incl. floodlighting, drainage, grading and irrigation	W.S.C/M.C	3	\$90,000.00	ex
E3	Installation of decomposed granite pathway/bikepath [260m] access gates in boundary [8]	W.S.C	3	\$30,000.00	\$3,000.00
E4-E6	Installation of identification & directional signage	W.S.C/M.C	4	\$18,000.00	ex
E7	Installation of decomposed granite carpark [3600m ²] with bollards/ post & rail perimeter [550m]	W.S.C	4	\$160,000.00	ex
E8	Removal of existing post & rail fence around playing field & grass netball courts [330m]	W.S.C/M.C	3	\$700.00	ex
E9-E10	Maintenance and upgrading of existing amenities and facilities	W.S.C/M.C	1	\$5,000.00	\$1,500.00
E11	Connection of public amenities to existing sewer line [Oaks Street] Upgrading of existing toilet block adjacent to Mason Street incl. lighting Demolition of existing toilet block adjacent to Mason Street Relocation of canteen within clubhouse building	W.S.C W.S.C/M.C W.S.C M.C	2 3 3 2	\$7,500.00 \$40,000.00 \$5,000.00 \$10,000.00	ex ex ex ex
E12-E13	Upgrade and maintain existing recreational facilities and amenities	W.S.C/M.C	ongoing	\$10,000.00	ex
E14	Drainage works to playing surface [3000m ²]	W.S.C/M.C	1	\$75,000.00	n/a
E15	Regrading/ removal of gravel surface, drainage & re-turfing [900m ²]	W.S.C/M.C	3	\$13,500.00	ex
E16	Installation of additional litter bins [6] around perimeter of oval	W.S.C/M.C	1	\$2,000.00	ex

KEY TO RESPONSIBILITY:

W.S.C: Wollondilly Shire Council;

D.L.W.C: Dept. of Land & Water Conservation

M.C: Management Committee [Thirlmere Sportsground]

LC: Landcare

Notes:

Works Priorities are ranked 1-5 [i.e. 1 = highest priority & 5 = lowest priority]

"ex" refers to sourcing from existing budgets/ staff costs.

"n/a" cost not applicable

"capital cost" includes design/ documentation, construction and supervision costs.

All figures are indicative only and are based on the masterplans in this Plan of Management

Bargo Sportsground

Works Schedule & Opinion of Probable Landscape Construction Costs (5-years: Capital & Recurrent Works)

Item	Action	Responsibility	Priority	Capital Cost (\$)	Recurrent Cost (\$)
Land Management: Natural/ Cultural Setting					
A1-A2	Ensure consistency in reservation's public purpose	W.S.C/D.L.W.C	1	n/a	n/a
A3	Investigate recreational facilities options to address existing/ future demand [see items E1-E18]	W.S.C/D.L.W.C/M.C	1	see below	see below
A4	Provision of appropriate protection and management	W.S.C	1	see below	see below
Development & Leases/ Licenses:					
B1-B5	Establish guidelines for assessing development proposals and impacts	W.S.C/D.L.W.C	1	n/a	n/a
C1-C7	Establish guidelines for assessing leases and licences/ authorise the granting of leases as described	W.S.C/D.L.W.C	1	n/a	n/a
Environmental Management:					
D1-D5	Protection, rehabilitation and management of natural vegetation including Shale Sandstone Transition Forest	W.S.C	ongoing	see below	see below
D6-D7	Enhance and improve landscape/ environmental quality	W.S.C/M.C	3	\$12,000.00	\$2,500.00
Visitor Management:					
E1	Maintenance and upgrading of existing playing surface & floodlighting [incl installation of turf cricket pitch]	W.S.C/M.C	1	\$60,000.00	ex
	Installation of additional litter bins [6] around perimeter of oval	W.S.C/M.C	1	\$2,000.00	ex
	Repairs to fence/ guard rail [120m] and provision of improved direct access between canteen & oval	W.S.C/M.C	1	\$10,000.00	ex
E2	Constructed wetland [160m ²], relocation/ demolition of existing wash-down area	W.S.C/M.C	1	\$8,000.00	\$800.00
E3	Construct new playing field incl. earthworks, drainage, irrigation, turfing & floodlighting [option 1]	W.S.C	4	\$350,000.00	\$20,000.00
E4	Provide appropriate management for major events/ special events	W.S.C/M.C	4	n/a	ex
E5	Construction of compacted gravel pathway/ bikepath [950m]/ additional entry points in fence	W.S.C	4	\$76,000.00	\$3,400.00
	Construction of timber pedestrian bridge over creek incl. removal of existing drainage pipes	W.S.C	3	\$10,000.00	ex
E6	Installation of identification & directional signage	W.S.C	2	\$10,000.00	ex
E7	Removal of existing vehicular access and creek crossing, and re-turfing	W.S.C	4	\$20,000.00	n/a
	Installation of bollards/ post & rail fence adjacent to community hall [15m] & creek [30m]	W.S.C	3	\$2,500.00	ex
E8	Relocation of existing vehicular creek crossing	W.S.C	5	\$30,000.00	n/a
	Installation of unsealed vehicular access to proposed playing field [1400m ²]	W.S.C	5	\$55,000.00	\$4,000.00
	Installation of decomposed granite carpark [1400m ²] with bollards/ post & rail perimeter [270m]	W.S.C	5	\$70,000.00	\$4,000.00
E9-E14	Installation of lights to all amenities blocks [3]	W.S.C/M.C	1	n/a	\$6,000.00
	Upgrade change rooms, kitchen and toilets in AFL clubhouse	M.C	1	\$8,000.00	\$2,000.00
	Maintenance of existing gal. iron storage shed, tennis club facilities & scout hall	M.C	ongoing	n/a	\$5,000.00
E15	Improvements to landscape quality incl. landscaping, shelters [2], tables/seating [5] & BBQs [2]	W.S.C	5	\$50,000.00	\$3,000.00
	Improvements to skateboard facility	W.S.C	5	\$30,000.00	ex
E16	Maintenance of existing equipment incl. safety fall area	W.S.C	ongoing	n/a	\$4,000.00
	Installation of shade structure over main playground	W.S.C	2	\$15,000.00	ex
	Installation of seating [2] and shade trees adjacent to playground	W.S.C	3	\$5,000.00	ex
E17	Upgrade of existing toilets in community hall	W.S.C/M.C	2	\$5,000.00	ex
E18	Investigate establishment of Companion Animal recreation area	W.S.C	1	\$3,000.00	ex

Notes:

Works Priorities are ranked 1-5 [i.e. 1 = highest priority & 5 = lowest priority]

ex refers to sourcing from existing budgets/ staff costs.

n/a cost not applicable

capital cost includes design/ documentation, construction and supervision costs.

All figures are indicative only and are based on the masterplans in this Plan of Management

KEY TO RESPONSIBILITY:

W.S.C: Wollondilly Shire Council.

D.L.W.C: Dept. of Land & Water Conservation

M.C: Management Committee [Bargo Sportsground]

LC: Landcare

Victoria Park

Works Schedule & Opinion of Probable Landscape Construction Costs (5-years: Capital & Recurrent Works)

Item	Action	Responsibility	Priority	Capital Cost (\$)	Recurrent Cost (\$)
Land Management: Natural/ Cultural Setting					
A1	Ensure consistency in reservation's public purpose	W.S.C/D.L.W.C	1	n/a	n/a
A2	Investigate recreational facilities options to address existing/ future demand [see items E1-E17]	W.S.C/D.L.W.C/A.H.I	1	see below	see below
Development & Leases/ Licenses:					
B1-B5	Establish guidelines for assessing development proposals and impacts	W.S.C/D.L.W.C	ongoing	n/a	ex
C1-C4	Establish guidelines for assessing leases and licences/ authorise the granting of leases as described	W.S.C/D.L.W.C	ongoing	n/a	ex
Environmental Management:					
D1-D3	Protection, rehabilitation and management of natural/ cultural vegetation and landscape values	W.S.C/LC	ongoing	n/a	\$3,000.00
Recreation/ Visitor Management:					
E1	Installation/ upgrade of pole-mounted floodlighting	W.S.C/MC	2	\$50,000.00	ex
	Construction of new clubhouse on existing location incl. demolition of existing building, [option 1A]	W.S.C/MC	4	\$50,000.00	ex
E2	Installation of mini-field [50 X 70m] incl. demolition of existing office & tennis court hardstand area	W.S.C/MC	2	\$90,000.00	ex
E3	Joint upgrade of AH & I Society public amenities	W.S.C/MC/A.H.I	1	\$10,000.00	ex
E4	Investigation into options for leasing alternative venues	W.S.C/MC	ongoing	n/a	ex
E5	Installation of bollards/ post & rail fence adjacent to existing clubhouse & adjacent to proposed mini-field	W.S.C/MC	2	\$1,200.00	n/a
	Cultivating, re-grading and turfing of area adjoining AH&I Society site	W.S.C	2	\$20,000.00	ex
E6	Closure of vehicular access on Webster Street & installation of service vehicle entry [off Webster Street]	W.S.C	2	\$5,000.00	n/a
E7	Maintenance of pedestrian access and signage	W.S.C	ongoing	\$5,000.00	\$1,000.00
E8	Removal of existing vehicular access [744m ²] and replacement with decomposed granite pathway [290m]	W.S.C	2	\$18,000.00	\$1,500.00
	Maintenance of existing fence along top of embankment	W.S.C	1	n/a	\$1,500.00
	Installation of pedestrian access gates	W.S.C	2	\$1,500.00	n/a
E9	Investigation into relocation of Lach Nicholson Memorial Yards	W.S.C	1	n/a	ex
E10	Installation of walking track/ pedestrian linkage to Wonga Road [2km]	W.S.C/MC/LC	5	\$120,000.00	\$3,000.00
E11-E14	Maintenance and upgrading of existing public amenities incl. Installation of lights to public amenities	W.S.C/MC	1	\$5,000.00	ex
E15	Installation of identification signage on the Cnr of Menangle & Webster Streets, & Menangle Street entry	W.S.C/MC	1	\$5,000.00	n/a
E16	Installation of 6 additional litter bins [50-80L] around perimeter of oval	W.S.C	1	\$2,000.00	n/a
E17	Investigate establishment of Companion Animal recreation area	W.S.C	2	\$5,000.00	ex

KEY TO RESPONSIBILITY:

W.S.C: Wollondilly Shire Council.
D.L.W.C: Dept. of Land & Water Conservation
M.C: Management Committee [Victoria Park]
LC: Landcare
A.H.I: A.H & I Society

Notes:

Works Priorities are ranked 1-5 [i.e. 1 = highest priority & 5 = lowest priority]
"ex" refers to sourcing from existing budgets/ staff costs.
"n/a" cost not applicable
"capital cost" includes design/ documentation, construction and supervision costs.
All figures are indicative only and are based on the masterplans in this Plan of Management

Wonga Road Reserve Works Schedule & Opinion of Probable Landscape Construction Costs (5-years: Capital & Recurrent Works)

Item	Action	Responsibility	Priority	Capital Cost (\$)	Recurrent Cost (\$)
Land Management: Natural/ Cultural Setting					
A1	Ensure consistency in reservation's public purpose	W.S.C	1	n/a	n/a
A2	Provision of appropriate environmental protection and management [see items D1-D10]	W.S.C/ LC	ongoing	see below	see below
Development & Leases/ Licenses:					
B1-B5	Establish guidelines for assessing development proposals and impacts	W.S.C	ongoing	n/a	ex
C1-C3	Establish guidelines for assessing leases and licences/ authorise the granting of leases as described	W.S.C	ongoing	n/a	ex
Environmental Management:					
D1-D2	Protection, rehabilitation and management of natural vegetation	W.S.C/LC	1	see below	see below
D3	Prepare biodiversity study	W.S.C	4	\$30,000.00	n/a
D4-D10	Improvements to landscape/ environmental quality	W.S.C/ LC	3	\$40,000.00	\$15,000.00
Heritage:					
E1-E2	Investigation into indigenous heritage sites/ values study	W.S.C	2	\$15,000.00	n/a
Visitor Management:					
F1-F3	Investigation into self-funding opportunities/ integrate development with Council Dog Pound site	W.S.C	2	n/a	ex
F4	Construct scenic rim track (decomposed aggregate) including viewing points [490m] & safety fence	W.S.C	4	\$100,000.00	\$5,000.00
F5	Installation of shelters[3], picnic tables/seating [6], BBQs [3] and interpretive signage	W.S.C	5	\$90,000.00	\$5,000.00
F6	Construct pedestrian track between reserve & Victoria Park via Stonequary creek [2km]	W.S.C	5	\$150,000.00	\$3,000.00
F7	Development of identification, directional and interpretive signage	W.S.C	5	\$30,000.00	ex
F8	Construct semi-formalized parking area [450m ²] in decomposed granite finish	W.S.C	5	\$25,000.00	ex

KEY TO RESPONSIBILITY:

W.S.C: Wollondilly Shire Council;
LC: Landcare

Notes:

Works Priorities are ranked 1-5 [i.e. 1 = highest priority & 5 = lowest priority]

"ex" refers to sourcing from existing budgets/ staff costs.

"n/a" cost not applicable

"capital cost" includes design/ documentation, construction and supervision costs.

All figures are indicative only and are based on the masterplans in this Plan of Management

Hume Oval

Works Schedule & Opinion of Probable Landscape Construction Costs (5-years: Capital & Recurrent Works)

Item	Action	Responsibility	Priority	Capital Cost (\$)	Recurrent Cost (\$)
Development & Leases/Licenses:					
B1-B4	Establish guidelines for assessing development proposals and impacts	W.S.C	ongoing	n/a	ex
C1-C4	Establish guidelines for assessing leases and licences/ authorise the granting of leases as described	W.S.C	ongoing	n/a	ex
Environmental Management:					
D1-D2	Protection, rehabilitation and management of riparian vegetation	W.S.C/LC	ongoing	\$10,000.00	\$1,500.00
D3	Landscaping [native trees & groundcovers] along fenced boundary	W.S.C	2	\$15,000.00	\$1,500.00
D4	Improvements to landscape/ environmental quality of north-eastern portion of site	W.S.C	3	\$30,000.00	\$3,000.00
D5	Improvements to catchment management regime	W.S.C	ongoing	n/a	n/a
D6-D7	Post & rail fence along top of embankment [290m] & rehabilitation of eroded embankment tracks	W.S.C	2	\$14,500.00	\$2,000.00
Recreation/ Visitor Management:					
E1	Upgrading of existing oval incl. extension to existing oval fencing [250m]	W.S.C/M.C	2	\$70,000.00	ex
E2	Replacement of existing synthetic cricket pitch with turf pitch	W.S.C/M.C	1	\$20,000.00	ex
E3	Drainage works for waterlogged area [1500m ²]	W.S.C/M.C	1	\$35,000.00	ex
E4	Erection of two cricket nets with synthetic surface	W.S.C/M.C	2	\$15,000.00	ex
E5-E7	Maintenance and upgrades to existing public amenities	W.S.C/M.C	1	\$10,000.00	\$2,500.00
E8	Installation of secure litter/ recycling storage facility	W.S.C	2	\$2,000.00	ex
E9-E10	Maintenance of existing tennis facilities Investigation into options to develop new tennis clubhouse	W.S.C/M.C	ongoing	n/a	\$5,000.00
E11	Upgrading and maintenance of existing public amenities	M.C	3	n/a	ex
E12	Improvements to shade structures, BBQs, picnic facilities, seating & landscaping [incl 12 shade trees]	W.S.C/M.C	2	\$3,000.00	\$2,000.00
E13-E14	Improvements to visual quality of area immediately surrounding scout hall incl. upgraded access, landscaping & timber paling fence [95m]	M.C	3	\$20,000.00	\$3,000.00
E15	Maintenance of existing decomposed granite pathway	W.S.C/M.C	1	\$30,000.00	\$2,000.00
E16	Installation of identification & directional signage	W.S.C/M.C	1	\$7,600.00	\$2,000.00
E17	Construction of decomposed granite pathway/ bikepath from Downing Street to Botanic Gardens [275m] incl. links to scout hall [25m] & soccer clubhouse [130m]	W.S.C	ongoing	n/a	\$1,000.00
E18	Removal of stockpiled materials Installation of decomposed granite carpark [3000m ²] with post & rail perimeter [400m], & landscaping	W.S.C	4	\$18,000.00	ex
E19	Investigation into upgrading existing unsealed area behind bowling club as carpark	W.S.C	5	\$22,000.00	\$2,000.00
E19		W.S.C	3	\$125,000.00	ex
E19		W.S.C/M.C	ongoing	n/a	ex

KEY TO RESPONSIBILITY:

W.S.C: Wollindilly Shire Council;
M.C: Management Committee [Hume Oval]
LC: Landcare

Notes:

Works Priorities are ranked 1-5 [i.e. 1 = highest priority & 5 = lowest priority]

"ex" refers to sourcing from existing budgets/ staff costs.

"n/a" cost not applicable

"capital cost" includes design/ documentation, construction and supervision costs.

All figures are indicative only and are based on the masterplans in this Plan of Management