

# LAKE MACQUARIE SPORTS INFRASTRUCTURE HIERARCHY

## SUPPORTING VOLUME TO THE LAKE MACQUARIE SPORTS STRATEGY



JULY 2021

LAKE  
MACQUARIE  
CITY

Prepared by Otium Planning Group Pty Ltd  
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*We remember and respect the Ancestors who cared for and nurtured this Country. Dhumaan ngayin ngarrakalu kirraanan barayidin.*

*It is in their footsteps that we travel these lands and waters. Ngarrakalumba yuludaka bibayilin barayida baaduka.*

*Lake Macquarie City Council acknowledges the Awabakal people and Elders past, present and future. Lake Macquarie City Council dhumaan Awabakala ngarrakal yalawaa, yalawan, yalawanan.*

*Wording by the Aboriginal Reference Group and translated by Miromaa Aboriginal Language and Technology Centre*

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# 1. Lake Macquarie Sports Infrastructure Hierarchy

Using sports infrastructure definitions developed by the NSW Office of Sport and an assessment of Lake Macquarie, a Sports Infrastructure Hierarchy for Lake Macquarie has been developed.

The purpose of the Hierarchy is to recognise the capacity and catchment of facilities and identify the level of infrastructure required to adequately support the level of sport accommodated at the facility. The Hierarchy provides preferred desired standards to be applied within resource allocations based on prioritisation.

A summary of the key aspects of the Lake Macquarie Sports Infrastructure Hierarchy is provided in the table below. It is noted that there are other levels of the Lake Macquarie Sports Infrastructure Hierarchy that exist and are outlined in further detail outside of this summary table.

	Local	District	Regional
<b>Accessibility</b>	<ul style="list-style-type: none"> <li>Primary catchment area is a 15-minute travel time</li> </ul>	<ul style="list-style-type: none"> <li>Primary catchment area is a 20-minute travel time</li> </ul>	<ul style="list-style-type: none"> <li>Primary catchment area is a 30-minute travel time</li> </ul>
<b>Fields</b>	<ul style="list-style-type: none"> <li>5ha - 10ha providing for at least 2 senior rectangular fields/ 1 x oval overlay with drainage and irrigation</li> </ul>	<ul style="list-style-type: none"> <li>Quantity and design considerations are to be fit for purpose for the desired activity.</li> </ul>	<ul style="list-style-type: none"> <li>Meet requirements of district sport facilities and contain a higher level of fit-for-purpose embellishment.</li> </ul>
<b>Netball courts</b>	<ul style="list-style-type: none"> <li>Two to four court configurations with consideration to multi-use</li> </ul>	<ul style="list-style-type: none"> <li>A minimum of 12 courts for centralised competition venues.</li> </ul>	<ul style="list-style-type: none"> <li>Quantity and standards of courts to be determined in collaboration with Netball NSW dependent on the regional event content being considered.</li> </ul>
<b>Tennis courts</b>	<ul style="list-style-type: none"> <li>A minimum of four courts</li> </ul>	<ul style="list-style-type: none"> <li>Six to twelve courts.</li> </ul>	<ul style="list-style-type: none"> <li>Minimum of 12 high quality surface courts with at least 8 courts are required to be the same surface type.</li> </ul>
<b>Lighting</b>	<ul style="list-style-type: none"> <li>Lighting to recommended Australian Standards for amateur competition acknowledging electrical supply may influence feasibility.</li> </ul>	<ul style="list-style-type: none"> <li>Council to provide lighting to recommended Australian Standards for amateur competition. User groups can provide lighting to semi-professional level when supported by Council.</li> </ul>	<ul style="list-style-type: none"> <li>Lighting to recommended Australian Standards for standard of competition.</li> </ul>
<b>Amenities</b>	<ul style="list-style-type: none"> <li>Approx. 375sqm to 475sqm located in a highly visible and central location with universal design.</li> <li>Player and official change-rooms, spectator toilets, canteen and storage areas.</li> </ul>	<ul style="list-style-type: none"> <li>500+sqm located in a highly visible and central location that is fit for purpose with universal design.</li> <li>Player and official change-rooms, spectator toilets, canteen and storage areas.</li> </ul>	<ul style="list-style-type: none"> <li>As per district facilities with consideration to administration space, media capacity and potential co-location with grandstands.</li> </ul>
<b>Fencing</b>	<ul style="list-style-type: none"> <li>Site fencing to prohibit illegal vehicle access.</li> </ul>	<ul style="list-style-type: none"> <li>Site fencing to prohibit illegal vehicle access.</li> </ul>	<ul style="list-style-type: none"> <li>Site fencing to prohibit illegal vehicle access.</li> </ul>

	Local	District	Regional
		<ul style="list-style-type: none"> <li>Fit for purpose fencing as required by the activity and level of competition.</li> </ul>	<ul style="list-style-type: none"> <li>Fit for purpose fencing as required by the activity and level of competition.</li> </ul>
<b>Spectator areas</b>	<ul style="list-style-type: none"> <li>Spectator seating.</li> </ul>	<ul style="list-style-type: none"> <li>Larger seated spectator areas with adequate spectator circulation, potentially covered in some areas.</li> </ul>	<ul style="list-style-type: none"> <li>Covered spectator seating with adequate spectator circulation.</li> </ul>
<b>Supporting infrastructure</b>	<ul style="list-style-type: none"> <li>Car parking</li> <li>Bike racks</li> <li>Paths</li> <li>Bubblers</li> <li>Reserve player benches</li> <li>Storage</li> </ul>	<ul style="list-style-type: none"> <li>Car parking</li> <li>Bike racks</li> <li>Paths</li> <li>Bubblers</li> <li>Reserve player benches</li> <li>Storage</li> <li>Scoreboard</li> </ul>	<ul style="list-style-type: none"> <li>Car parking</li> <li>Bike racks</li> <li>Paths</li> <li>Bubblers</li> <li>Reserve player benches</li> <li>Storage</li> <li>TV Broadcast infrastructure</li> </ul>
<b>Maintenance standards</b>	<ul style="list-style-type: none"> <li>Base level maintenance. Council primarily responsible for turf management. Delegated authorities and sports clubs are responsible for a range of other code specific maintenance processes.</li> </ul>	<ul style="list-style-type: none"> <li>Medium level maintenance with increased levels of service provided for playing fields.</li> </ul>	<ul style="list-style-type: none"> <li>High level maintenance with consideration on-site maintenance crews for regional precincts.</li> </ul>

## 1.1 Informal Sports Facilities

Informal sports facilities are small sites in local communities that provide basic facilities and landscape treatments. They are typically provided in residential settings and are one field facilities with no drainage or irrigation. Lighting is not provided; amenities provide for toilets only and off-street car parking is not required. Neighbourhood sports facilities is social sport and informal training. These facilities are usually not booked, and therefore do require delegated management authority.

Due to their limited and constrained opportunities to cater for organised sport training or competition, informal facilities should not be considered in the planning of future sport infrastructure.

Historically, many tennis facilities have been provided in small court arrangements ranging from one to four courts. Similar to informal playing fields, small tennis venues provide little opportunities for suitable club or private operations and should therefore not be considered in the planning of future tennis infrastructure.

### Maintenance

The approximate minimum maintenance standards to be undertaken by Council for informal sports facilities include:

- Summer – weekly tractor mow to 25mm with a stealth mowing implement
- Winter – mowing as required to 35mm
- Up to 2 x aeration per annum on a as needs basis only
- Weed spray only as required.

*The approximate minimum maintenance standards are guide only and are subject to change at Council's discretion in resigning to local conditions and resourcing.*

## 1.2 Local Facilities

Local facilities service the needs of the local community and sporting clubs for home and away fixtures, social sport, training activities and participation programs.

### Accessibility

The primary catchment area for local sports facilities is a 15-minute travel time, especially for regular training and home fixtures.

### Level of Participation/ Competition

Local facilities provide for the foundation of local club competition, with participants playing for a local club, attending organised training sessions and regular games in the sporting local club environment.

### Minimum Standards

The following is a guide for the provision of minimum facility requirements of new local sports facilities:

- Playing fields - a minimum of 5ha - 10ha providing for at least 2 senior rectangular fields/ 1 x oval overlay, circulation and maintenance access, amenities and car parking
- Irrigation systems are highly desirable to enhance field carrying capacity and safety
- Netball - Two to four court configurations with lighting to support localised training. Consideration to multi-use opportunities such as basketball configurations where appropriate
- Tennis - A minimum of four courts.
- Drainage of all sports surfaces to enhance field carrying capacity and safety
- Lighting to recommended Australian Standards for amateur competition
- Amenities – approximately 375sqm to 475sqm located in a highly visible and central location with universally designed and flexible/ adaptable player and official change-rooms, spectator toilets, canteen and storage areas
- Site fencing to prohibit illegal vehicle access
- Seated spectator areas
- Car parking and bike racks.

### Maintenance

The approximate minimum maintenance standards to be undertaken by Council for local sports facilities includes:

- Tractor mow with a stealth mowing implement or a cylinder mow:
  - Summer - Weekly tractor mow at 25mm or cylinder mow at 15mm
  - Winter – Cylinder mow at 25mm weekly or stealth mow at 35mm as needed.
- Aeration up to twice per annum on a as needs basis
- Operation and scheduling of irrigation
- Fertilising for irrigated playing fields only
- Top dressing on a priority basis in-line with Council programming and resources
- Rest period as required and determined at the discretion of Council
- Weed spraying to irrigated playing fields only. Program dependent on turf type and weed species.
- Optional rye grass program for irrigated fields at the expense of delegated authority/ user group.

*The approximate minimum maintenance standards are a guide only and are subject to change at Council's discretion in responding to local conditions and resourcing.*

A range of other maintenance is the responsibility of the delegated authority and respective user groups. This includes cleaning of amenities buildings, line-marking, goal post installation, removal and storage, curating turf cricket wickets, baseball diamond preparation, replacement of field/court light bulbs, the regular cleaning of courts and sand spreading of sand filled artificial tennis courts.

## 1.3 District Facilities

### Accessibility

The primary catchment area for district sports facilities is a 20-minute travel time. District sports facilities are often supported by a network of local training facilities to ensure ease of access for regular training purposes. For example, a district competition facility for netball is supported by a range of smaller training facilities.

### Level of Participation/ Competition

District sports facilities cater for association competition, hosting local finals or acting as a central venue for regular competition for multiple clubs and/or teams. Examples include centralised competition venues such as netball softball and hockey as well as high standard competition and training venues used in competitions such as the National Premier League in Football.

### Minimum Standards

- District level facilities are to exceed the minimum standards of the local facilities
- The size and scale of district facilities is dependent on the sporting code/s they service but can range from 5ha up to 20+ha
- Quantity and design considerations are to be fit for purpose for the desired activity. They are to meet all standards of a local level facility but consider increased provision depending on the sports and intended use. For example, a netball competition venue will require high levels of car parking and be located so not to impact on surrounding residential areas
- Netball - A minimum of 12 courts for centralised competition
- Tennis - A minimum of 12 courts with supporting infrastructure including amenities with associated club house
- The size of district sports amenities is larger than local level facilities and are in excess of 500sqm.
- District facilities that contain various courts/ diamonds etc., often provide a feature facility such as show court where finals and premier competitions are hosted.
- Increased consideration to circulation and spectator areas are required due to the nature of district level facilities.

### Maintenance

The approximate minimum maintenance standards to be undertaken by Council for district sports facilities include:

- Tractor mow with a stealth mowing implement or a cylinder mow:
  - Summer - Weekly tractor mow at 25mm or cylinder mow at 15mm
  - Winter – Cylinder mow at 25mm weekly or stealth mow at 35mm as needed.
- Aeration up to twice per annum on a as needs basis
- Operation and scheduling or irrigation

- Fertilising to twice per annum
- Top dressing on a priority basis in-line with Council programming and resources
- Rest period as required and determined at the discretion of Council
- Weed spraying to irrigated playing fields only. Program dependent on turf type and weed species
- Optional rye grass program for irrigated fields at the expense of delegated authority/ user group.

*The approximate minimum maintenance standards are a guide only and are subject to change at Council's discretion in resigning to local conditions and resourcing.*

A range of other maintenance is the responsibility of the delegated authority and respective user groups. This includes cleaning of amenities buildings, line-marking, goal post installation, removal and storage, curating turf cricket wickets, baseball diamond preparation, replacement of field/court light bulbs, the regular cleaning of courts and sand spreading of sand filled artificial tennis courts.

## 1.4 Regional Facilities

Regional facilities include regional sporting hubs, regionally significant sports facilities, regional academies of sport and sport and recreation centres. A regionally significant sports facility is typically a single sports facility that attracts participants, officials and spectators from across the region.

### Regional Sports Hubs

Regional sports hubs focus on improving sport facility access between regional cities and centres giving communities and athletes access to quality facilities, coaching and training. Regional sports hubs are multiple sports facilities co-located on one site. They might include sub-elite sport support services and sports administration offices and could incorporate centres of excellence and community facilities. They can also bring new social or economic opportunities to a region, including:

- Events
- New jobs in facility construction and operation or sport programs and administration
- More equitable access to sports infrastructure for regional communities
- Training and education
- The ability to retain talented athletes and their families.



Source: <https://sportandrecreation.nsw.gov.au/sites/default/files/OoS-Regional-Sports-Hubs-Feb18.pdf>



Ideally, regional sport hubs are precincts with all components on one site, depending on land availability. Alternatively, regional sport hubs could be a network of facilities and services in one regional town or city, with a main site or hub incorporating both core and support facilities. Regional sport hubs represent an integrated and coordinated approach to sport and recreation facilities, avoiding duplication and optimising investment.

## **Accessibility**

The primary catchment area for regional sports facilities is a 30minutes travel time, with away fixtures often exceeding one hour in travel time. This catchment often covers multiple local government areas, primarily for competition and events. They should be accessible, with links to transport, commercial and community centres.

## **Level of Participation/ Competition**

Regional facilities provide for a high standard of training and high-grade competition, talented and aspiring athletes. Examples include the Hunter Sports Centre and the Lake Macquarie Regional Football Centre. Future regional facilities include the Hillsborough Indoor Sports Centre and the Belmont Sporting Precinct following the implementation of the Council endorsed master plan.

The volume of facility utilisation at regional sports facilities if often carefully managed and moderated to ensure high quality surfaces are achieved for competition purposes.

## **Minimum Standards**

- Regional sports facilities are to meet the requirements of district sports facilities and contain a higher level of fit-for-purpose embellishment
- High quality turf supported by drainage and irrigation systems
- Lighting to relevant recommended Australian Standards that allows for night competition
- Tennis - 12 to 16 high quality surface courts with at least 8 courts are required to be the same surface type. High standard of lighting, spectator seating, amenities and consideration of show court
- Amenities – Universally designed and centrally located. Often co-located with grandstand seating and other associated infrastructure such as media and administration space
- Fencing to separate spectators from player areas including consideration of separated zones between the field of play and the amenities
- Provision of scoreboard
- Covered spectator seating with adequate spectator circulation
- Car parking to accommodate the proposed use. This will vary based on the sport and scale of facility
- TV Broadcast infrastructure capacity such as elevated platforms, camera mounts and powered spaces.

Synthetic playing fields at regional level facilities are subject to Council consideration including viability in respect to a range of considerations including social, environmental and economic.

## **Maintenance**

The approximate minimum maintenance standards to be undertaken by Council for regional sports facilities include:

- Tractor mow with a stealth mowing implement or a cylinder mow:
  - Summer - Weekly tractor mow at 25mm or cylinder mow at 15mm
  - Winter – Cylinder mow at 25mm weekly or stealth mow at 35mm as needed.
- Aeration up to twice per annum on a as needs basis
- Operation and scheduling or irrigation

- Fertilising to twice per annum
- Top dressing on a priority basis in-line with Council programming and resources
- Rest period as required and determined at the discretion of Council
- Weed spraying to irrigated playing fields only. Program dependent on turf type and weed species
- Optional rye grass program for irrigated fields at the expense of delegated authority/user group.

*The approximate minimum maintenance standards are a guide only and are subject to change at Council's discretion in resigning to local conditions and resourcing.*

Future consideration to be given to a dedicated maintenance team operating from the Belmont Sporting Precinct.

A range of other maintenance is the responsibility of the delegated authority and respective user groups. This includes cleaning of amenities buildings, line-marking, goal post installation, removal and storage, curating turf cricket wickets, baseball diamond preparation, replacement of field/court light bulbs, the regular cleaning of courts and sand spreading of sand filled artificial tennis courts.

## 1.5 High Performance Centres

High performance centres provide world-leading training and administration facilities to develop, attract and retain the best talent among athletes, coaches and support staff **across multiple sports**. For example, the New South Wales Institute of Sport.

High performance centres should be adaptive and accessible, allow for flexible training methods, meet minimum competition standards, and encourage shared use across multiple sports. These spaces should also include relevant technological infrastructure that enables ongoing learning and analysis. Holistic education opportunities for athletes and coaches should be supported with education space or rooms that can be available to community groups and also available to athletes during and after their elite sport careers.

Council is able to assist professional clubs, sport organisations and other partners in facilitating high performance centres in Lake Macquarie. Whilst Council is not the primary funding body these facilities, Council may play a role in other areas such as land dedication where any future proposal does not adversely impact on community sport.

## 1.6 Centres of Excellence

Centres of excellence are usually **provided by a professional sporting club** to develop current and future elite players and help them achieve mastery in their sport. They provide world-leading training and administration facilities so that clubs can build, attract and retain the best talent among athletes, coaches, executive and support staff. These facilities are integral to talent and youth development pathways and may include an academy program.

A Centre of Excellence includes elite level training facilities, administration centre, and education and training rooms for codes and clubs. They may host games from junior level to professional, exhibition events and pre-season events. Centres of excellence **give sport organisations a home base** and can provide a competitive edge as they face greater competition and demands for better athlete services and better technology.

Council is able to assist professional clubs, sport organisations and other partners in facilitating centres of excellence in Lake Macquarie. Whilst Council is not the primary funding body these facilities, Council may play a role in other areas such as land dedication where any future proposal does not adversely impact on community sport.

## 1.7 International, National and State Facilities

International, national and state facilities are the highest-level facilities capable of hosting international events and competitions, national leagues, and state or national team training centres. These facilities promote sports, provide entertainment and encourage community access and pathway opportunities for participants.

NSW residents are the primary users of these facilities, however they also attract users and visitors from interstate and overseas. National and/or state facilities within NSW include the venues defined in the NSW Government's Stadia Strategy (2012).

International, national and state facilities have very specific requirements which vary depending on the sport they service. They are normally provided for by state government, state and national sporting organisations, professional sporting clubs and occasionally local government.

### Indoor Sports Facilities

Indoor sports facilities can provide for a range of sporting codes ranging from court-based sports such as basketball through to sports that have speciality facility requirements such as gymnastics. The hierarchical classification will vary according to the requirements identified by the sports governing body. The following key points are provided as an indicative guide. Collaboration with state sporting organisations is required to confirm preferred facility mix and requirements.

- **Court Sports** – Minimum 1.2ha site providing at of 4+ courts with association car parking, amenities and circulation. Site to allow for future expansion. Hierarchy classification of district or regional depending on the scale of development.
- **Gymnastics** – Currently no NSW or national facility guidelines. Indicative hierarchy could include:
  - Local - 500+sqm
  - District - 1,500 to 2,000 sqm
  - Regional - 2,500 to 3,000sqm
  - State/National - 4,000sqm.
- **Other Sports** – Other sports such as martial arts, boxing, squash have unique facility requirements and are often provided through private operators in industrial or business zones areas, school halls, PCYC's etc.
- **Training Centres** – Include the provision of practice facilities such as cricket wickets, baseball/ softball batting facilities etc. Generally provided within a regional sporting hub.

### Planning and Design Principles

When **planning and designing new sports infrastructure**, the following principles are to be applied across the sport infrastructure hierarchy. It is noted that achieving all of the above principles at existing sites is not feasible. These principles are to assist guide new sport infrastructure in the future.

- Where possible, sport land is developed as a precinct or community 'hub' providing for more than one sporting code, to maximise efficiencies from shared infrastructure. Sports facilities are to be well integrated within the context of urban design and the communities they serve
- Be accessible by road, bikeway and within 500m of a public transport stop
- Direct street frontage to a minimum 50% of the sports park's boundary to promote casual visual surveillance and public access
- Road frontage to a major collector or higher order road
- Square or circular shape, as opposed to a narrow linear shape, to maximise useability. As a rule of thumb, no boundary should be less than 150m and allow for correct orientation to facilitate safe use
- Sporting fields must be level and generally have slopes no greater than 1:100 for active use areas

- Universal design and Crime Prevention Through Environmental Design principles to be incorporated in all aspects, including inclusive and universal change facilities
- Where feasible, Environmentally Sustainable Design principles and initiatives are to be considered and incorporated in all areas of sports infrastructure
- Playing fields and surfaces should not be subject to regular inundation and generally would be expected to achieve immunity of 20% AEP (annual exceedance probability) or greater
- Land should be free of contamination or hazards such as High Voltage Transmission Lines, land fill, or contaminated waste
- Land is not situated adjacent to noxious industries or other uses that would be incompatible with high levels of public use
- Land is situated and/or developed so as to minimise residential conflict from noise or light issues
- Consideration of integration with other community infrastructure such as community centres and informal outdoor recreation opportunities.

## 2. Lake Macquarie Sports Facilities Hierarchy of Provision

### 2.1 Athletics

Facility Name	Catchment	Hierarchy Classification
Baxter Field	Belmont	Local
Edgeworth Oval	Glendale	Local
Hunter Sports Centre	Glendale	Regional
Neegulbah Park	Glendale	Local
Dora Creek Workers Club (private facility)	Morrisset	Local
Wangi Oval	Toronto	Local

### 2.2 Australian Rules Football

Facility Name	Catchment	Hierarchy Classification
Feighan Oval	Glendale	District
Pasterfield Oval	Glendale	District
Tulkaba Park	Toronto	Local

### 2.3 Baseball

Facility Name	Catchment	Hierarchy Classification
Belmont Sporting Precinct	Belmont	Local
Carbeen Street Oval	Charlestown	Local
Pendlebury Oval	Toronto	Local
Waterboard Oval	Toronto	Local

### 2.4 Bowls

Facility Name	Catchment	Ownership	Hierarchy Classification
Belmont Golf Club	Belmont	Private	Local
Marks Point Bowling Club	Belmont	Private	Local
Swansea Workers Club	Belmont	Private	Local
Cardiff Bowling Club	Glendale	Council	Local
Charlestown Bowling Club	Charlestown	Private	District
Kahibah Bowling Club	Charlestown	Private	Local
Redhead Bowling Club	Charlestown	Private	Local
Valentine Bowling Club	Charlestown	Council	Local
Old Burwood Bowling Club (not operating)	Charlestown	Awakal Local Aboriginal Land Council	Local
Club Macquarie (Green unlikely used)	Glendale	Private.	Local

Facility Name	Catchment	Ownership	Hierarchy Classification
Edgeworth Bowling Club	Glendale	Council	Local
Boolaroo Bowling Club	Glendale	Private	Local
Warners Bay Sports Club	Glendale	Council	Local
Dora Creek District Workers Club	Morisset	Private	Local
Morisset Hospital Bowling Green	Morisset	Private	Local
Rathmines Bowling Club	Toronto	Council	Local
Toronto Workers Club	Toronto	Private	Local
Wangi Bowling Club	Toronto	Council	Local

## 2.5 Cricket

Facility Name	Catchment	Hierarchy Classification
Belmont Sporting Precinct	Belmont	Regional
Beach Street Oval	Belmont	Informal
Aitchison Reserve	Belmont	Local
Chapman Oval	Belmont	Local
Parbury Park	Belmont	Local
Quinn Park	Belmont	Informal
Pickering Oval	Charlestown	Local
Charlestown Oval	Charlestown	Local
Kahibah Oval	Charlestown	District
Croudace Bay Sports Complex	Charlestown	Local
Reay Park	Charlestown	Informal
Croudace Bay Park	Charlestown	Informal
Alan Davis Field	Charlestown	Local
Ernie Calland Oval	Charlestown	Local
Goundry Street Oval	Charlestown	Informal
Mick Middleton Fields	Charlestown	Local
Hillsborough Oval	Charlestown	Local
Liles Oval	Charlestown	Local
Riawenna Park	Charlestown	Informal
Bahloo Reserve	Charlestown	Local
Hunter Barnett Fields	Charlestown	Local
Taylor Park	Glendale	Local
Pasterfield	Glendale	District
Cardiff Ovals	Glendale	Local
Edgeworth Oval	Glendale	Local
Garden Suburb Reserve	Glendale	Local
Bill Bower Ovals	Glendale	Local
Kevin Evans Oval	Glendale	Local
Ulinga Park	Glendale	Local
New Tredinnick Fields	Glendale	Local
Walters Park	Glendale	Local
Feighan Oval	Glendale	District

Facility Name	Catchment	Hierarchy Classification
John Street Oval	Glendale	Local
Gregory Park	Glendale	Local
Douglass Street Oval	Morisset	Local
Martinsville Oval	Morisset	Local
Bernie Goodwin Reserve	Morisset	Local
Wyee Oval	Morisset	Local
Robert Dutchy Holland Oval	Toronto	Local
Finnan Oval	Toronto	Local
Todd Street Oval	Toronto	Informal
Waterboard Oval	Toronto	Local
Pendlebury Oval	Toronto	Local
Croft Oval	Toronto	Local
Fishburn Fields	Toronto	Local
Tulkaba Park no 1	Toronto	Local
Ron Hill Oval	Toronto	District
Toronto Oval #2	Toronto	Local

## 2.6 Football

Facility Name	Catchment	Hierarchy Classification
Belmont Sporting Precinct - Cahill Oval	Belmont	Regional
Marks Oval	Belmont	Local
Blacksmiths Oval	Belmont	District
Baxter Field	Belmont	Local
Nords Wharf Oval	Belmont	Informal
Aitchison Reserve	Belmont	Local
Chapman Oval	Belmont	Local
Hillsborough Oval	Charlestown	Local
Pickering Oval	Charlestown	Local
Kahibah Oval & Andy Bird Field	Charlestown	District
Charlestown Oval	Charlestown	Local
Croudace Bay Sports Complex	Charlestown	District
Lydon Field	Charlestown	Local
Eleebana Oval	Charlestown	Local
Alan Davis Field	Charlestown	Local
Fred Wright Field	Charlestown	Local
Harold Knight Oval	Charlestown	Local
Mick Middleton Fields	Charlestown	Local
Holford Oval	Charlestown	Local
Liles Oval	Charlestown	Local
Lisle Carr Field	Charlestown	District
Jack Edwards	Glendale	Local
Taylor Park	Glendale	Local
Cardiff Ovals	Glendale	Local
Evans Park	Glendale	Local

Facility Name	Catchment	Hierarchy Classification
Edgeworth Ovals	Glendale	Local
Jack McLaughlan Field	Glendale	District
Garden Suburb Reserve	Glendale	Local
Kevin Evans Oval	Glendale	Local
Lakelands Oval	Glendale	Local
Ulinga Park	Glendale	Local
LM Regional Football Facility	Glendale	Regional
Macquarie Field	Glendale	District
New Tredinnick Fields	Glendale	Local
John Street Oval	Glendale	Local
Gregory Park	Glendale	Local
Johnston Park	Glendale	District
Douglass Street Oval	Morrisset	Local
Auston Oval	Morrisset	Local
Bernie Goodwin Reserve	Morrisset	Local
Finnan Oval	Toronto	Local
Croft Oval	Toronto	Local
Fishburn Fields	Toronto	Local
Toronto #1 (Peacock Field)	Toronto	District

## 2.7 Indoor Sports

Facility Name	Catchment	Hierarchy Classification
Gateshead Indoor Sportsworld - private	Charlestown	District
PCYC Lake Macquarie	Charlestown	District
Blackert Gymnastics Academy - private	Charlestown	District
Hillsborough Basketball Centre (proposed)	Charlestown	Regional
Newcastle Indoor Sports - private	Glendale	District
Hunter Sports Centre	Glendale	Regional
PCYC Morrisset	Morrisset	District
Advance Academy of Gymnastics - private	Toronto	District

**Note** – Excludes schools, private dance, martial arts etc.

## 2.8 Netball

Facility Name	Catchment	Hierarchy Classification
Molly Smith Netball Courts	Belmont	District
Belmont North Netball Courts	Belmont	Local
Caves Beach Netball Courts	Belmont	Local
Jack Stewart Netball Courts	Charlestown	District
Croudace Bay Sports Complex Netball	Charlestown	Local
Ulinga Park - Netball courts	Charlestown	Local
Windale Netball Courts	Charlestown	Local
Windale PCYC Netball Courts (not in use)	Charlestown	Local
Pasterfield Sports Complex	Glendale	Local



Facility Name	Catchment	Hierarchy Classification
Nancy Dwyer & Ken Booth Netball Courts	Glendale	Local
Edgeworth Netball	Glendale	Local
Warners Bay Netball Courts	Glendale	Local
West Wallsend Netball Courts	Glendale	Local
Bonnells Bay Netball Courts	Morisset	Local
Woodrising Netball Courts	Toronto	Local
Ron Hill Oval Netball Courts	Toronto	Local
Wangi Netball Courts	Toronto	District

## 2.9 Rugby League

Facility Name	Catchment	Hierarchy Classification
Belmont Sporting Precinct - Barton Field	Belmont	Regional
Belmont Sporting Precinct - Cahill Oval	Belmont	Regional
Lenaghan Oval	Belmont	Local
Parbury Park	Belmont	Local
St John Oval	Charlestown	District
Croudace Bay Sports Complex	Charlestown	Local
Balcomb Field	Charlestown	Local
Hunter Barnett Fields	Charlestown	Local
Michael Bird Oval	Charlestown	Local
Cardiff Ovals	Glendale	Local
Bill Bower Ovals	Glendale	Local
Les Wakeman Field	Glendale	Local
Toronto #1 (Peacock Field)	Toronto	District
Toronto Oval #3	Toronto	Local
Keith Barry Oval	Toronto	Local
Wangi Oval	Toronto	Local

## 2.10 Rugby Union

Facility Name	Catchment	Hierarchy Classification
Ernie Calland Oval	Charlestown	Local
Walters Park	Glendale	Local
Gibson Field	Morisset	Local

## 2.11 Tennis

Facility Name	Catchment	Hierarchy Classification
<b>Council Owned</b>		
Belmont Macquarie Tennis Courts	Belmont	District
Marks Oval Tennis	Belmont	Local
Blacksmiths Tennis Club	Belmont	Local
Caves Beach Tennis Courts	Belmont	Local
Swansea South Tennis Courts	Belmont	Local

Facility Name	Catchment	Hierarchy Classification
Croudace Bay Sports Complex Tennis	Charlestown	Local
Reay Park Courts	Charlestown	Local
Eleebana Tennis Courts	Charlestown	Local
Hillsborough Tennis Courts	Charlestown	Local
Mount Hutton Tennis Courts	Charlestown	Local
Redhead Tennis Courts	Charlestown	Local
Whitebridge Tennis Courts	Charlestown	Local
Cardiff Park Tennis Courts	Glendale	Local
Holmesville Tennis Courts	Glendale	Local
Lakelands Tennis Courts	Glendale	Local
Ulinga Park Tennis Courts	Glendale	Local
West Wallsend Tennis Courts	Glendale	Local
Martinsville Tennis	Morrisset	Local
Wye Community Tennis Courts	Morrisset	Local
Awaba Tennis Courts	Toronto	Local
Bolton Point Tennis Courts	Toronto	Local
Rathmines Tennis Courts	Toronto	Local
Teralba Tennis Courts	Toronto	Local
<b>Privately Owned</b>		
Cardiff Tennis Academy	Glendale	Local
Bonnells Bay Tavern Tennis Court	Morrisset	Local
Toronto Workers Club Tennis Courts	Toronto	Local

It is noted that some education providers may provide tennis courts for their students and large organisations may provide tennis courts for their employees. In addition, other private tennis courts such as back yard facilities have not been listed due to their limited public access.

## 2.12 Other Sports

Other sport infrastructure and their associated hierarchy includes:

Site	Sport	Catchment	Hierarchy Classification
Fassifern Oval	Archery	Toronto	District
Lake Macquarie Field Archers (private)	Archery	Glendale	Local
Lake Macquarie BMX	BMX	Glendale	Regional
Aitchison Reserve	Croquet	Belmont	Local
Ron Hill Oval	Croquet	Toronto	Local
Boolaroo Bowling Club (privately owned)	Croquet	Glendale	Local
Sugar Valley Croquet (privately owned)	Croquet	Glendale	Local
Awaba Oval	Equestrian	Toronto	Local
Swansea Equestrian Ground	Equestrian	Belmont	Local
Cooranbong Recreation & Equestrian Reserve	Equestrian	Morrisset	Local
Morrisset Showground	Equestrian	Morrisset	District
Mount Sugarloaf (privately owned)	Equestrian	Glendale	Local

### 3. Warranties and Disclaimers

The information contained in this report is provided in good faith. While Otium Planning Group has applied their own experience to the task, they have relied upon information supplied to them by other persons and organisations.

We have not conducted an audit of the information provided by others but have accepted it in good faith. Some of the information may have been provided 'commercial in confidence' and as such these venues or sources of information are not specifically identified. Readers should be aware that the preparation of this report may have necessitated projections of the future that are inherently uncertain and that our opinion is based on the underlying representations, assumptions and projections detailed in this report.

There will be differences between projected and actual results, because events and circumstances frequently do not occur as expected and those differences may be material. We do not express an opinion as to whether actual results will approximate projected results, nor can we confirm, underwrite or guarantee the achievability of the projections as it is not possible to substantiate assumptions which are based on future events.

Accordingly, neither Otium Planning Group, nor any member or employee of Otium Planning Group, undertakes responsibility arising in any way whatsoever to any persons other than client in respect of this report, for any errors or omissions herein, arising through negligence or otherwise however caused.

# Appendix 1: Sports Specific Hierarchies

***The following summaries of sporting code specific facility guidelines have been provided as a reference point. These guidelines are the responsibility of the state or national sporting organisation and are subject to review and change.***

***These guidelines are developed to provide a framework for planning a given sport. It is noted that it is not feasible for local government to fully meet these standards at all venues due to limited resources, constrained sports facility sites and ongoing asset management considerations.***

# Australian Rules Football

HIERARCHY LEVEL AND FACILITY PURPOSE	
STATE	
	<p><b>State level facilities contribute 3% of venues nationally</b> and primarily service State leagues and elite underage competitions and are seen as second tier competition facilities. These facilities are also used for competition finals as they are maintained to a showcase level, offering higher standard of amenities with perimeter fencing and the capacity to cater for larger crowds.</p>
REGIONAL	
	<p><b>Regional facilities contribute around 5% of venues nationally</b> and service a collection of suburbs, townships or geographic areas within a municipality (or across municipal borders) and often cater for more than one code or activity. These facilities ideally have perimeter fencing to restrict vehicle and pedestrian access, amenities with capacity to host finals and representative games and have oval surface quality maintained to a high standard.</p>
LOCAL	
	<p><b>76% of all community venues fall within this category or classification.</b> Local facilities are designed to cater for local level competition within individual suburbs, townships, or municipalities and are usually also the 'home' of a seasonal club. Facilities and playing surfaces are provided to home and away competition standard only. However, local leagues should aspire to get local facilities used for finals to regional level standards.</p>
REMOTE	
	<p>Like local level facilities, remote grounds cater for local level competition held in remote communities and <b>provide 1% of all venues</b>. Provision at these grounds is generally a dirt playing field with no or limited player, official or spectator amenities. At times, investment has been made at these venues to provide lighting to a level that supports night competition structures. Provision of night competition lighting addresses player welfare concerns in warmer climates.</p>
JUNIOR / SCHOOL	
	<p><b>Junior / school venues contribute 15% of venues nationally</b> and are used for the introductory forms of Australian Football such as Auskick, junior or school competitions and act as overflow training venues. Generally facility provision expectations are limited to oval size and condition and access outcomes are generally driven by individual negotiations with individual schools.</p>

# Cricket

## FACILITY HIERARCHY

CA HIERARCHY LEVEL	CNSW HIERARCHY LEVEL	DESIRED LEVEL OF COMPETITION	NSW FACILITY EXAMPLES
International	National	Men's Intl., BBL	SCG, Sydney Showground Stadium
Domestic/First Class	State	Women's Intl., WBBL, Tour Matches, Domestic One-Day, Sheffield Shield	North Sydney Oval, Drummoyne Oval, C.eX Coffs International Stadium
Regional/Premier	Regional – Tier 1-2	Underage Intl., WNCL, Futures League, Underage Nationals	North Dalton Park, Bankstown Oval, Lavington Sports Ground
	Regional – Tier 3-4	Premier Cricket	Manly Oval, Glenn McGrath Oval
Club (Home)	Community	Club (Home)	Over 1,500 facilities in NSW
		Club (Satellite)	
Club (Satellite)		School (Shared)	Public school facilities with a Joint Use Agreement
Club (Satellite)		School (Restricted)	Private and public school facilities without Joint Use Agreements
NEW	Informal	Cricket Blast	Green open spaces with no permanent cricket infrastructure
	Indoor Cricket / Indoor Training	Indoor Cricket Competitions	Cricket & Community Centres e.g. Norm O'Neill Indoor Training Centre, Penshurst Park and Carl Sharpe Cricket Centre, Wade Park

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## INFRASTRUCTURE PROVISION FRAMEWORK

CNSW HIERARCHY	Tier 4 (Low)	Tier 3	Tier 2	Tier 1 (High)	
National	As per ICC requirements				
State	As per CA requirements				
Regional	<ul style="list-style-type: none"> <li>Turf pitches [min. six (6)]</li> <li>Outdoor turf training nets</li> <li>Curators storage</li> <li>Office/administration space</li> <li>Amenities/Clubroom</li> </ul>	<ul style="list-style-type: none"> <li>Training standard lighting</li> <li>First aid/medical room</li> <li>Sight screens</li> </ul>	<ul style="list-style-type: none"> <li>Turf pitches [min. eight (8)]</li> <li>Umpires' room</li> <li>Access to two (2) satellite turf grounds</li> </ul>	<ul style="list-style-type: none"> <li>Match standard lighting</li> <li>Electronic scoreboard</li> <li>Gym/fitness room</li> <li>Access to three (3) or more satellite turf grounds</li> </ul>	
Community	Club (Home)	<ul style="list-style-type: none"> <li>Access to drinking water</li> <li>Access to toilets</li> <li>CA compliant synthetic pitch</li> </ul>	<ul style="list-style-type: none"> <li>Lockable external equipment storage</li> <li>Changerooms (min. two (2) per pitch)</li> <li>Practice nets (min. three (3) lanes)</li> <li>Manual scoreboard</li> </ul>	<ul style="list-style-type: none"> <li>Practice nets (min. five (5) lanes)</li> <li>Kitchen/kiosk</li> <li>Pavilion/Clubroom</li> <li>Match standard lighting</li> <li>Ground fencing</li> </ul>	
	Club (Satellite)	<ul style="list-style-type: none"> <li>Shade and shelter</li> <li>Green open space</li> <li>Permanent pitch; or</li> <li>Portable cricket pitch</li> </ul>			
	School (Shared)	<ul style="list-style-type: none"> <li>Green open space</li> <li>Portable cricket pitch</li> </ul>	<ul style="list-style-type: none"> <li>Green open space</li> <li>Shade and shelter</li> <li>Access to toilets (Shared only)</li> </ul>	<ul style="list-style-type: none"> <li>CA compliant synthetic pitch</li> <li>Practice nets (min. two (2) lanes)</li> </ul>	<ul style="list-style-type: none"> <li>Turf pitches [min. five (5)]</li> <li>Pavilion</li> <li>Changerooms [min. two (2)]</li> </ul>
	School (Restricted)				
Informal	<ul style="list-style-type: none"> <li>Green open space</li> </ul>	<ul style="list-style-type: none"> <li>Access to toilets</li> </ul>	<ul style="list-style-type: none"> <li>Portable cricket pitch</li> </ul>	<ul style="list-style-type: none"> <li>Shade and shelter</li> </ul>	
Indoor	<ul style="list-style-type: none"> <li>Multi-sport indoor facility</li> </ul>	<ul style="list-style-type: none"> <li>Dedicated indoor cricket</li> </ul>	<ul style="list-style-type: none"> <li>National standard facility</li> </ul>	<ul style="list-style-type: none"> <li>International standard facility</li> </ul>	
	Essential → Desirable → Optional				

In order for a facility to be classified at a given tier, it must meet all provision requirements of this tier, plus all the requirements of lower tiers.

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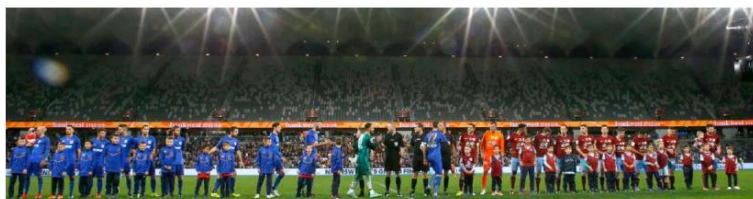
# Football

## NSW FOOTBALL FACILITY HIERARCHY

### HIERARCHY LEVELS

The NSW Football Facilities Hierarchy considers several strategic documents and planning frameworks that guide and influence the provision of sport and recreation facilities in NSW.

The competition structure of football in NSW (including the National Premier League (NPL) competition) and the governance of football in Northern NSW, metropolitan Sydney and regional NSW also play a key role in defining the relative levels and hierarchy of facilities.



The following definitions outline the purpose and context of each level of the hierarchy.

HIERARCHY LEVEL	EXAMPLE	CURRENT PROVISION	TARGET
<b>NATIONAL</b>	Bankwest Stadium McDonald Jones Stadium	2 in Sydney 1 in Newcastle	2 in Sydney 1 in Newcastle
<b>STATE HQ</b>	Valentine Sports Park Lake Macquarie Regional Football Facility	1 in Sydney 1 in Northern NSW	1 in Sydney 1 in Northern NSW
<b>NPL VENUE*</b>	Marconi Stadium (Bossley Park)	86 in Metro / Regional NSW 11 in Northern NSW	Provision to meet NPL competition structures and venue capacity needs
<b>HOMES OF FOOTBALL*</b>	Proctor Park (Bathurst District FA)	8 in Sydney 4 in Regional NSW	1 in each Metropolitan Sydney Association (16) 1 in each Regional NSW Branch (3) 1 in each Northern NSW Zone (7)
<b>LOCAL CLUB</b>	Caddies Creek Reserve (Hills Football Association)	930+ venues state-wide	Provision to meet local club requirements and service competition structures
<b>PLAYING &amp; TRAINING SPACES</b>	Charles Bean (UTS Ku-ring-gai)	14 identified in NSW facility audit currently being accessed for football	School fields, open parkland, alternative sports fields with access to areas on an as-needs-basis

\* In some instances Homes of Football and NPL Venues are (or can be) the same venue, where community and NPL activities are conducted at the same location.

## NSW FOOTBALL FACILITY HIERARCHY

### NATIONAL

Stadium facility designed to meet the elite and professional needs of NSW based clubs. This level of facility sits outside the NSW community football facility hierarchy and should be addressed via the FFA Professional Clubs and NSW Government.

### STATE HQ

Headquarters for the administration levels of football that provides a home for FNSW and NNSWF. The range and mix of facilities allows for flexible use in order to serve community football, as well as high performance and event needs. They also act as a central venue for football development and education. Venues are not club owned or controlled but managed by FNSW and NNSWF respectively.

### NPL VENUES

NPL venues provide a mix of football facilities and amenities that primarily meet the needs of user club(s) competing in NPL level competition. NPL venues will generally have multiple fields (with a main match pitch) and be capable of accommodating multiple teams.

The difference between NPL venues and Homes of Football is the likely club control and management of NPL venues, compared to the broader community, event and development focus of Homes of Football.

In some instances Homes of Football and NPL Venues are (or can be) the same venue, where community and NPL activities are conducted at the same location.

### HOMES OF FOOTBALL

Homes of Football provide a range of facilities, amenities and services that are targeted to meeting the needs of

community football within a geographical area and/or to meet metropolitan association or regional zone needs. They are best located in key population centres to improve levels of accessibility.

Homes of Football may be managed by local associations/zones or local government and be accessible to the broader football community. Having a professional level of management and oversight promotes a greater range of services and events and helps to ensure venue sustainability.

Facilities and amenities at Homes of Football are provided to a higher standard to service the mix of use. They are also viewed as football development centres that also have a centralised administration and service delivery role for their given region or football area.

They are provided in both metropolitan and regional areas, however their geographical catchment in regional or rural settings will be larger than in metropolitan areas or major population centres.

### LOCAL CLUB

Local Clubs will form the majority of community football hierarchy in NSW. They are generally provided for individual clubs and their activities and could also be provided within schools. They are commonly shared with other sports and seasonal users.

Local clubs facilitate access to the game in individual localities and communities across NSW and primarily serve neighbourhood

catchment areas in larger population centres and individual townships in regional and rural settings.

The local club network, in association with local government, will be responsible for the provision, use and development of local club facilities.

### PLAYING AND TRAINING SPACES

Playing spaces are generally unformed or informal areas of green / open space used for training and kick-about activities. Many of these spaces are not bookable and not managed to a level suitable of providing competition football activities and are mainly used for additional training venues.

School fields, open spaces and alternative sports fields also fall into this category and may provide more formalised playing areas than can be bookable.



# Rugby League

## 4.1. Main Pavilion /Amenities Building

Pavilion / Amenities	Preferred Minimum Sizes (m <sup>2</sup> )			Essential/Non-Essential or Desired Facility Component			Comments and Specifications
	State	Regional	Local	State	Regional	Local	
Changing Rooms	45m <sup>2</sup> x 4 (2 home team and 2 away)	45m <sup>2</sup> x 2	30m <sup>2</sup> x 2	Essential	Essential	Essential	At a State League level, 4 changing rooms (2 home team and 2 away team) should be provided. To offer flexibility, the changing room should be able to be configured in either 4 separate changing rooms or 2 large changing rooms. At a Regional and Local level, 2 changing rooms (1 home team and 1 away team) are essential.
Showers	20m <sup>2</sup> x 4	15m <sup>2</sup> x 2	15m <sup>2</sup> x 2	Essential	Essential	Essential	Each changing room requires its own wet area (showers) located as far as possible from changing room entrance and WCs to minimise water migration and to separate mud and moisture from dry areas, and with no direct sight lines to adjoining areas. State League facilities should incorporate a minimum of 5 shower points, whereas Regional and Local facilities should incorporate a minimum of 4 and 3 respectively. Ideally, plan for one square metre for the shower area and the same for the drying area. To accommodate wheelchair access avoid raised thresholds. Showers on opposing walls should be spaced 2.5m apart to permit a central circulation route and will require a separate dry-off area to one end. To improve flexibility and to cater for mixed use, cubical showers can be provided.
Toilets	10m <sup>2</sup> x 4	10m <sup>2</sup> x 2	10m <sup>2</sup> x 2	Essential	Essential	Essential	The provision of toilet facilities should be based on the following minimum requirements: Men: one WC, two urinals and two washbasins. Women: two WCs and two washbasins. To better cater for mixed gender use, male urinals should be replaced by an additional WC.
Referee's Room (including shower and toilet)	15m <sup>2</sup>	15m <sup>2</sup>	15m <sup>2</sup>	Essential	Essential	Essential	The pavilion should include a self-contained changing room for use by officials. Provide a room of 15m <sup>2</sup> with a shower, washbasin and bench space. Secure locker storage is required when the room is used by more than one official. In rooms for five or more officials, include a WC. If officials of both sexes use the pavilion at the same time, provide separate accommodation.
Scorer & Timekeeping Box	15m <sup>2</sup>	15m <sup>2</sup>	10m <sup>2</sup>	Essential	Essential	Desired	The Scorer and Timekeeping box needs to have a clear view of the playing field and ideally located in line with or near the centre line. It can be incorporated in the main pavilion or separately as a stand-alone structure. The Timekeepers area must include a siren.
Kitchen & Kiosk	40m <sup>2</sup>	30m <sup>2</sup>	20m <sup>2</sup>	Essential	Essential	Essential	An appropriate standard kitchen and kiosk facility is required to support catering and food and beverage sales. These facilities are essential in supporting revenue generating opportunities and club sustainability. All areas must meet public health requirements.
Social/Community Room	175m <sup>2</sup>	125m <sup>2</sup>	75m <sup>2</sup>	Essential	Essential	Essential	The social/community room is an important element of the facility that will facilitate social interaction as well as provide a source of revenue and sustainability for the club. The area should be used for post-match gatherings or presentations, as well as club committee meetings or education/training courses. The social/community room should have large windows for viewing the game. Social areas may include specialised bar facilities and or access to appropriate kiosk/kitchen servery. Planning should consider the range of potential uses and flexibility of the space.
Administration Area / Competition Office	20m <sup>2</sup>	15m <sup>2</sup>	15m <sup>2</sup>	Essential	Essential	Essential	An administration area for the management of competitions and club administration and paperwork. The room should include a desk/bench area and appropriate office storage.
Accessible Public Toilets	45m <sup>2</sup>	35m <sup>2</sup>	35m <sup>2</sup>	Essential	Essential	Essential	Public toilets are a vital amenity to have when having large numbers attending training and weekend events. These can either be in the pavilion or stand alone. The size of public toilets should be based on crowd history and relevant planning and/or building codes.
Storage - Internal	15m <sup>2</sup>	10m <sup>2</sup>	10m <sup>2</sup>	Essential	Essential	Essential	Adequate internal (dry) storage is essential for club materials and equipment such as uniforms, merchandise and stock.
Storage - External	15m <sup>2</sup>	10m <sup>2</sup>	10m <sup>2</sup>	Essential	Essential	Essential	Adequate externally accessible storage is essential for sport related equipment (i.e. balls, tackle bags, goal post padding), and other necessary maintenance equipment (i.e. line marking machines).
Cleaners' Store	5m <sup>2</sup>	5m <sup>2</sup>	5m <sup>2</sup>	Essential	Essential	Non-essential	A lockable cupboard for cleaning materials is the minimum provision required. For multi-team pavilions, provide a store with shelving and a bucket sink adjacent to changing rooms.
Utilities/Plant Room	5m <sup>2</sup>	5m <sup>2</sup>	5m <sup>2</sup>	Essential	Essential	Non-essential	A separate utilities/plant room should be provided for any essential facility services such as electrical switchboard.



## 4.2. Field of Play

Field of Play	Preferred Minimum Sizes (m <sup>2</sup> )			Essential/Non-Essential or Desired Facility Component			Comments and Specifications
	State	Regional	Local	State	Regional	Local	
Coaches Boxes	Elevated position for 4 people	Touchline seating for 4 people (separate to Substitutes Bench)	Touchline seating for 4 people (as part of Substitutes Bench)	Essential	Essential	Essential	Separate Coaches Boxes should be provided for the home and away teams, ideally on the western side of the ground close to the halfway line.
Substitutes Bench	Seating for 8 people	Seating for 6 people	Seating for 4 people	Essential	Essential	Essential	Home and away team substitute benches are to be provided, ideally as permanent shelters close to the Interchange Box.
Goal Posts	Height: 16m Width: 5.5m Crossbar: 3m	Height: 16m Width: 5.5m Crossbar: 3m	Height: 16m Width: 5.5m Crossbar: 3m	Essential	Essential	Essential	At a State League level, goal posts must be 16 m in height, 5.5 m apart with a crossbar at 3 m from the ground. The bottom 2m of the uprights should be padded. At a Regional and Local level, a reduced goal post height is permissible. Mini League: 3.5m High and 3m wide, crossbar is located 2m above the ground.
Playing Field Run-off	5m	4m	3m	Essential	Essential	Essential	There must be adequate run-off area between the field of play and any perimeter fencing. Where possible, any new fields should aim for the highest run-off area (i.e. 5m).
Playing Field Markings	Yes	Yes	Yes	Essential	Essential	Essential	Field width: 68 m Length: Goal line to goal line - 100 m. In goal areas - to measure 68 m x 8 m Refer to Section 18: Ground Markings & Dimension Guidelines in 'Rugby League Laws of the Game'
Playing Field Quality	High	High - Medium	Medium	Essential	Essential	Essential	State League level playing surface must be of high quality including civil designed sub-surface drainage and a high quality even coverage of turf with no obvious undulations. At Regional and Local levels, high to medium standard playing surface is required including an even cover of turf and limited to no undulations. Each playing field should have a planned maintenance program relative to the standard of competition and should consider seasonal top-dressing, aeration, and fertilisation.
Playing Field Drainage	Excellent - Good	Excellent - Good	Good	Essential	Essential	Essential	Appropriately designed surface and sub-surface drainage and the development of a good overall maintenance plan for sports field drainage is critical in enhancing the participant experience and maximising the use of the facility (meaning fewer cancelled games). Installing sub-surface drainage systems in an existing playing fields may be required to improve surface quality, reduce cancellations and maximise use of existing facilities
Scoreboard	Yes	Yes	Yes	Essential	Essential	Essential	Scoreboards should be positioned appropriately and visible to players, coaches and spectators. At a State League level, electronic scoreboards are encouraged but not essential
Grounds Maintenance Store	Yes	Yes	Yes	Essential	Essential	Essential	Adequate storage for playing field maintenance equipment is required and may include storage for mowers, line marking equipment and other field of play maintenance materials.
Emergency Access	Yes	Yes	Yes	Essential	Essential	Essential	The playing field must have an accessible point for ambulance or any related access in the event of an emergency.
Sports Floodlighting	Training: 100 Lux Competition: 200 Lux	Training: 50 Lux Competition: 150 Lux	Training: 50 Lux Competition: 100 Lux	Essential	Essential	Essential	Appropriate playing field lighting is essential in maximising facility use and therefore participation. High quality lighting will also reduce localised overuse of the playing field. Preferred minimum requirements for playing field lighting will vary depending on the level of competition and therefore facility. The Australian Standards (series 2560.2.3) contains recommendations and requirements specific to the lighting of Rugby League. The Standard contains information highlighting the maintained horizontal illuminance (lux) required for training and club competition at a recreational, amateur, semi-professional and professional level.

## Tennis – Extract from Tennis NSW Draft Infrastructure Plan ( under development)

	International	High Performing Regional Venue	Full-Service Community Venue	Community Venue	Community Access venue
<b>Profile</b>	Tennis showpiece – Large economic driver through large National and International events and the top high-performance coaching and player pathways	A financially sustainable, professionally managed tennis/multisport venue and local community social hub that provides for community through to high level competition and tournament playing opportunities, delivering quality coaching/pathways across local and regional geographic areas	A venue that provides a focus for club competition or lower level state competitions, as well as servicing local catchment to provide a <u>full mix</u> of recreational play, competition play, tournaments and program formats of participation	Public facilities servicing local suburbs delivering health and social opportunities and community objectives. Will have some program offerings such as coaching and competition play	Community access facility which provides opportunities for casual bookings and may have limited coaching
<b>Hierarchy</b>	International-National-State significance	State-Regional significance	District-regional-local significance	District-local significance	Local-Suburb
<b>Operating Model</b>	Commercial	Commercial or Operator model	Commercial or Operator or Club/Coach Model	Club or Club/Coach Model	Internal or Agent managed
<b>Event Suitability</b>	Same as 'High Performance State Venue'+ International ATP/WTA events	Same as 'Full-Service Community Venue' + National/ITF pro Tour	Can accommodate a full Coaching program, competition pathway, organized social tennis, community events, interclub events, tournaments State/AMT/JT/JDS	May have one or more programs including a Coaching program, Local Club competitions, Club Community events, JDS tournaments	Social play generally but may also be an 'overflow' facility for larger local centres
<b>Playing Facilities Required</b>	A show court with adequate seating capacity (5000+) Minimum 10 ITF approved courts of the same surface Adequate player and media facilities Lighting 500 to 1000 LUX av PPA	A show court with adequate seating capacity or ability to bump in seating Minimum 8 ITF approved courts of the same surface Lighting minimum 500 LUX av PPA	Typically consists of 6 to 12 courts (but may be more) of the same surface or mixed surfaces Adequate player facilities (bathroom, clubroom, kitchenette etc.) Lighting preferred 350 LUX av PPA minimum	Typically consists of 4-8 courts (but may be more if country based) with basic clubhouse and toilets. Lighting preferred 250 LUX av PPA minimum	Usually 1-3 courts. May have a shelter shed.
<b>Complimentary Facilities Required</b>	Same as 'High Performance State Venue' +gymnasium,	Same as 'Full-Service Community Venue' + Administration offices.	Pro shop, tournament office capacity, universally designed facility, kitchen area, customer seating in clubhouse	No minimum requirements	No minimum requirements

	medical function rooms. Modern, high level player facilities including showers, change areas, physio room. Permanent large grand stand and established seating for spectators.	Adequate player facilities including showers, change areas, physio room setup when required for events, small viewing stands or the ability to bump in some seating for spectators			
<b>Location</b>	In a major city, in close proximity to an international airport	In a major city or larger regional town with close proximity to an airport (70 km/ <hr)	In close proximity to transport nodes and community centres and services	No minimum requirements	No minimum requirements
<b>Coaching/ Player Pathway/ Area Servicing</b>	Same as 'High Performance State Venue' + offers world-class high-performance coaching and elite player pathway programs in the State. Home to National academy programs	Same as 'Full-Service Community Venue' + provides high performance pathway. Home to regional and State training academies.	Offers a full range of community playing opportunities both structured and unstructured. i.e. coaching, competitions, social play. Drive time less than 1.5 hours for Regional NSW and less than 30 mins for Metro areas. May provide accommodate zone / sub-regional / satellite high-performance training programs	Committee/Club Coach model with roles defined to be able to support local community needs. Services those who reside, work or study within a 3 to 5km catchment (metro) May be a 30 to 60-minute drive in regional areas	Community access and social play – Generally, services those who reside within 500m to 3km of venue (metro) and is prevalent in small regional communities.