

Tennis is a largely an individual or paired sport where opponents attempt to hit the ball over a central net and into the court of play without the opponent successfully returning the ball. Each player or team serves the ball in alternating games. The winner is determined by reaching a pre-defined number of games or sets, which vary depending on the competition.

HIERARCHY						
Element	State	Regional	Local - Category A	Local - Category B	Notes	
Tennis Queensland Hierarchy	-	Regional & Sub-Regional	-	District & Local		
Total Site Area		Min. 2 ha		1.5 ha		
PLAYING AREA						
Orientation		Refer to Notes	E	Refer to Notes	E	North-south orientation is preferred to minimise the effects of the sun's glare. The best common orientation is 15° east of north. There is an allowable limit between 20° west of north and 35° east of north. Avoid N-S and E-W orientation of courts at the same venue, particularly if courts run behind each other, creating visual annoyance during play.
No. fields/courts		Min. 12 standard ITF full size courts. Prefer at least 1 show court.	E	Min 4 standard ITF full size courts	E	<p>ITF full size court: Principal Playing Area (PPA) - 23.77m x 10.97m Total Playing Area (TPA) - 36.57m x 18.29m Net width - 12.79m</p> <p>Club/Recreation court (ITF minimum recommended size): PPA - 23.77m x 10.97m TPA - 34.77m x 17.07m Net width - 12.79m</p> <p>Hot Shots court: PPA - 11.0m x 5.5m (10.97m x 5.485m if modifying existing full size court) TPA - 17.1m x 10.38m preferred (15.0m x 9.5m minimum) Net width - 6.0m minimum Dimensions are to the outside of the lines. Hot Shots courts are to be provided within the main court area with temporary nets running east-west consistent with the universal design principle.</p>

HIERARCHY

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Playing area surfaces		Min. 12 courts (for high level tournament) or 80% (community participation) to have the same playing surface	E	At least 50% to have the same playing surface, either acrylic, clay or grass	NE	<p>Court surface types include:</p> <ol style="list-style-type: none"> 1. Acrylic hard court (non-cushioned, liquid applied cushion, mat laid cushion) 2. Clay/red porous 3. Natural grass 4. Other variations, including Sand-filled artificial grass, carpet and synthetic clay. <p>Tennis Australia would ideally like all Regional Tennis Centres with an Acrylic Playing Surface to be surfaced in Plexicushion or Plexipave in the Australian Open "True Blue" colours.</p> <p>Court surface to be confirmed during design process. Clay and natural grass are preferred surfaces for unsuitable soil.</p>
Playing area drainage		Refer to Notes	E	Refer to Notes	E	<p>Gradient: 1% cross-fall in both directions or 1% fall diagonally on one single constant plane.</p>
Playing area marking		Refer to Notes	E	Refer to Notes	E	<p>The width of all lines on the tennis court shall be 5cm except the baseline, which may be 10cm, and the centre service lines and centre mark, which shall be 5cm. Primary court line marking to be white in colour.</p> <p>Blended lines for multi-purpose or Hot Shots courts should be 50:50 mixture of the colour used for the playing area and a dark grey. Blended lines are recommended to stop approx. 2 to 3cm from the white line for clear distinction of full size court.</p>

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Playing Area Perimeter/ Run-off		Refer to Notes	E		Refer to Notes	E	<p>ITF full size court: Run-off at back of court - 6.4m Run-off at side of court to fence - 3.66m Minimum distance between courts (no fence) - 5.48m Distance between court and fixed obstruction (e.g. light pole) - 3.05m min., 3.66m recommended. Club/Recreation court (ITF minimum recommended size): Run-off at back of court - 5.48m Run-off at side of court to fence - 3.05m Minimum distance between courts (no fence) - 3.66m Recommended distance between courts (no fence) - 4.27m Distance between court and fixed obstruction (e.g. light pole) - 3.05m min., 3.66m recommended.</p> <p>Hot Shots court: Run-off at back of court - 3.05m preferred (min. 2.0m) Run-off at side of court to fence - 2.44m preferred (min. 2.0m) Minimum distance between courts - 2.44m min. (no fence) side-to-side or 5.0m min. end-to-end (court dividing fence preferred in this configuration). Recommended distance between courts - 4.27m (no fence) Distance between court and fixed obstruction (e.g. light pole) - 2.44m min.</p>
LED sports lighting (average minimum lux)		Refer to Notes	E		Refer to Notes	E	<p>Must comply with AS2560.1 and AS2560.2.1 - Lighting for Outdoor Tennis, and AS4282 - Control of the obtrusive effects of outdoor lighting.</p> <p>Club Competition Standard: PPA - 350 lux TPA - 250 lux</p> <p>Recreational Standard: PPA - 250 lux TPA - 150 lux</p> <p>PPA of all courts to have min. 350 lux installed with switching capability for 250 lux.</p>

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Element	State	Regional		Local - Category A	Local - Category B		Notes
Playing area fencing		Refer notes	E		Refer notes	E	To comply with AS1725.2 Tennis Court Fencing. Recommended height of 3.6m for club environments. May reduce to half fence (down to 1.2m min.) between courts or where external/site fencing provides security for courts. Important considerations include: top and bottom rails to provide longevity, stability and maintenance, safety and visual enhancement; visual amenity can also be improved by using black poles and mesh, and also provides good background contrast to ball colour; reduced side fencing heights to enhance spectator viewing; ensuring gates are wide enough for accessible entry and for maintenance equipment; proximity of trees and overhanging branches; windbreak planting in adjacent areas; wind and sight screening and signage loads are incorporated into structural design; future court expansion; where practical, truncate fence corners, allowing for shade structures and increased viewing areas.
Irrigation		Refer notes	E		Refer notes	E	Access to a water point near all courts is required for court cleaning.
SURROUNDS							
Storage (grounds maintenance)		36m2	E		36m2	E	Separate from clubhouse where fuel operated equipment or chemicals are to be stored (6m x 3m bay).
Storage (playing equipment)		Included in clubhouse			Included in clubhouse		
Reserve fencing		3m high fencing with pin-coded entry gates	NE		3m high fencing with pin-coded entry gates	NE	Include the book-a-court system.
Spectator seating		Tiered seating for min. 200 on show court, bench seating or area for foldable chairs for 10 persons per court	NE		Bench seating or area for foldable chairs for 10 persons per court	NE	It is preferable to provide fixed tiered grandstand seating within the clubhouse with sufficient space available adjacent to courts for temporary or portable tiered seating.
Pathways		3m wide path between banks of courts	E		3m wide path between banks of courts	E	

For more information
Phone 3412 3412
Visit logan.qld.gov.au
Email council@logan.qld.gov.au
