

BNSW Infrastructure Projects

Facility Area Guide



About this guide

This guide is to assist NSW Basketball associations and local or state government with early planning of new indoor sports centres.

It provides indicative building and site areas for 6, 4, 3 and 2 court facilities which may assist in site investigation and preliminary planning to understand and assess opportunities.

Each project will have its own unique requirements and may differ from the areas outlined in this guide. Further planning resources and assistance are available by contacting BNSW

Facility Components

For each of the facility area schedules presented the following has been included/considered:

- Allowance for 'full sized multi-sport' court areas with circulation/operational space based on the size of the complex
- Allowance for main court seating (mix of permanent and temporary)
- Adequate support areas including amenities
- Ancillary commercial spaces based on the size of the facility
- A single level and two level (with car parking underneath) footprint has been developed for each area schedule

Six Court Facility

Item	Single Level Area (m ²)	Two Level Area (m ²)
Building Footprint	7,000	7,000
Carpark Footprint	8,500	1,925
Landscape/External	2,325	1,339
Total Site	17,825	10,264

Space Type	Area (m ²)	%
Entry/circulation	460	6%
Services (reception, kiosk, merch etc.)	330	4%
Admin/Staff/Office	180	2%
Change/Amenities	540	7%
Courts	4,550	60%
Storage	240	3%
Meeting/Office/Commercial	350	5%
Ancillary (plant, seating etc.)	900	12%
Total Area (including mezzanine)	7,550	

Space and Circulation Allowance (m ²)	34
Car Park Spaces	250

Four Court Facility

Item	Single Level Area (m ²)	Two Level Area (m ²)
Building Footprint	5,341	5,341
Carpark Footprint	6,800	1,799
Landscape/External	1,821	1,071
Total Site	13,963	8,211

Space Type	Area (m ²)	%
Entry/circulation	781	14%
Services (reception, kiosk, merch etc.)	125	2%
Admin/Staff/Office	80	1%
Change/Amenities	350	6%
Courts	3,300	59%
Storage	180	3%
Meeting/Office/Commercial	150	3%
Ancillary (plant, seating etc.)	615	11%
Total Area (including mezzanine)	5,581	

Space and Circulation Allowance (m ²)	34
Car Park Spaces	200

Three Court Facility

Item	Single Level Area (m ²)	Two Level Area (m ²)
Building Footprint	3,956	3,956
Carpark Footprint	5,100	1,399
Landscape/External	1,358	803
Total Site	10,414	6,158

Space Type	Area (m ²)	%
Entry/circulation	576	15%
Services (reception, kiosk, merch etc.)	95	2%
Admin/Staff/Office	70	2%
Change/Amenities	320	8%
Courts	2,300	58%
Storage	120	3%
Meeting/Office/Commercial	-	0%
Ancillary (plant, seating etc.)	475	12%
Total Area (including mezzanine)	3,956	

Space and Circulation Allowance (m ²)	34
Car Park Spaces	150

Two Court Facility

Item	Single Level Area (m ²)	Two Level Area (m ²)
Building Footprint	3,092	3,092
Carpark Footprint	3,400	478
Landscape/External	974	536
Total Site	7,466	4,106

Space Type	Area (m ²)	%
Entry/circulation	497	16%
Services (reception, kiosk, merch etc.)	95	3%
Admin/Staff/Office	70	2%
Change/Amenities	270	9%
Courts	1,565	51%
Storage	120	4%
Meeting/Office/Commercial	-	0%
Ancillary (plant, seating etc.)	475	15%
Total Area (including mezzanine)	3,092	

Space and Circulation Allowance (m ²)	34
Car Park Spaces	100