

# FACILITIES ASSESSMENT: REPORT TO EY (CONFIDENTIAL, AND DRAFT FOR DISCUSSION)

PROJECT C

20 JANUARY 2022

**DHW**

**LUDUS**

**INFRASTRUCTURE**

SPORT & ENTERTAINMENT VENUE PLANNING

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## SUMMARY OF OBSERVATIONS & DEVELOPMENT OPPORTUNITIES

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# SUMMARY OF OBSERVATIONS & DEVELOPMENT OPPORTUNITIES

## THE PROJECT AND KEY REFERENCES TO THE REPORT

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The State Government of Victoria ('the Government') is in the process of offering to host the 2026 Commonwealth Games ('the Games') in regional Victoria. To assist its offer to the Commonwealth Games Federation ('CGF'), the Government engaged a consortium of consultants to provide advice on the staging of the Games, ultimately leading to the development of a Business Case prepared within the Government's investment guidelines. The consortium was led by Ernst & Young (who prepared the Business Case).

DHW Ludus Infrastructure ('DHW Ludus') was designated to provide an assessment of facilities nominated by the Government to host the sports program (again nominated by the Government), for the Games. For the remainder of this document ('the Report'), DHW Ludus' work is referred to as 'the Facilities Assessment', and is addressed to Ernst & Young, as leader of the consortium reporting to the Government.

### Key Report References

The reader should not solely rely upon the observations included in this section, nor the summary of development opportunities.

Specifically, at the minimum, the reader should refer to the following critical sections of the Report.

REFERENCE	LOCATION
Scope of Work and Work Performed	Section 2, page 17
Facilities Assessed in the Report	Section 2, page 18
Limitations	Section 3, page 23
Assessment of Individual Facilities	Section 4, page 26





In undertaking the Facilities Assessment, DHW Ludus has identified a number of trends across the nominated venues, as well as specific observations regarding the development opportunities that have emanated from our analysis. These are provided in this part of the Report.

### **Trends**

The trends across the suite of nominated venues for the Games include the following:

- Most of the venues have not been designed with major events in mind (with exceptions such as the MCG and GMHBA Stadium)
- As such, most of the venues are predominantly utilised for community sport and activities (and therefore it stands to reason the Games will result in disruption, especially to community sport (and others such as recreational participants, pathway sport, etc))
- A number of the venues are ageing and will require modification to accommodate the Games programs
- As far as can be ascertained, most of the venues don't have publicly available plans indicating they are to be upgraded in the short to medium term
- There will be a significant need for event overlay at all nominated sites and venues (although this isn't necessarily uncommon for regions / cities hosting events like the Games)
- For some of the venues, there could be challenges with 'fitting' the entire event and overlay within its boundary (necessitating access to surrounding space (often under separate governance))

### **Categorising the Development Opportunities**

#### ***Major Works***

- Kardinia Park – Gymnastics, Aquatics (Swimming and Diving)
- Mars Stadium – Athletics (whilst predominantly an 'overlay' solution, this is likely to be a complex exercise)
- Stead Park – Hockey
- Eastern Oval and Queen Elizabeth Oval – Cricket (assuming venues require indoor facilities onsite)
- Nagambie Lake – Rowing
- Geelong Arena – Table Tennis

#### ***Facilities Seemingly in Good Condition Ready (and Ready to Apply Necessary Overlay)***

- Gippsland Regional Indoor Sports Stadium – Badminton (subject to confirmation of roof height)
- Ballarat Sports and Events Centre – Boxing
- GMHBA Stadium – Various
- Ted Summerton Reserve – Cricket
- Moonah Links – Golf
- Bendigo Bowls Club – Lawn Bowls
- Bendigo Stadium – Netball (Traditional and Fast 5), Basketball 3x3
- Fosterville Gold Tennis Centre – Tennis
- Melbourne Cricket Ground – Opening Ceremony



### **Categorising the Development Opportunities (cont)**

#### ***Projects with Spectator Capacity Challenges***

- Gippsland Regional Indoor Sports Stadium (Badminton) – The desired capacity of 2,500 is unlikely to be achieved during the pool rounds (with an opportunity to meet the CGF capacity for finals assuming the venue can be configured appropriately)
- Ted Summerton Reserve (Cricket) – The desired capacity of 10,000 may not be achieved, with publicly available information indicating the venue capacity is 7,500 to 10,000
- Bendigo Stadium (Netball programs) – The desired capacity of 8,000 for finals cannot be achieved at the venue
- Geelong Arena (Table Tennis) – The desired capacity of 2,000 cannot be achieved in the Annex where match tables will be set up. Whilst the Show Court has seating for approximately 1,500, the ambition is to provide a seating solution to allow for the desired capacity to be met
- Geelong Convention and Exhibition Centre (Weightlifting / Powerlifting) – the final dimensions of the proposed venue are presently unknown, which could impact upon the delivery of the CGF's desired seating of 2,000

#### **Other Facilities with Potential Field of Play Compliance Issues**

- Gippsland Regional Indoor Sports Stadium (Badminton) – The height of the roof in the main hall
- Regional Cricket venues (other than GMHBA Stadium) – Their standard, and that of alternate training fields (if required)
- Nagambie Lake – The dimensions of the facility (depth and width)

### ***Higher Risk Projects***

- Kardinia Park (Aquatics, Gymnastics) – Large scale projects (timing and time to complete the biggest apparent issue) in parkland with complex governance
- Mars Stadium (Athletics) – Complex overlay project with complex governance
- Stead Park (Hockey) – Major works disrupting local and pathway Hockey
- Fosterville Gold Tennis Centre (Tennis) – Overlay build disrupting local users
- Geelong Convention and Exhibition Centre (Weightlifting) – Existing project with design not yet fully understood with time to complete another issue
- Any project where a specific site is yet to be identified (Cycling Road Race – course not yet finalised; Cycling BMX Freestyle – ‘pop up’ in Ballarat; Cycling Mountain Bike Cross Country – new course in Buninyong; Marathon – Ballarat (course not yet finalised); Squash – ‘pop up’ in Bendigo; and Beach Volleyball – ‘pop up’ on the Bellarine Peninsula)

***A summary of the specific development opportunities begins over the page***

# SUMMARY OF OBSERVATIONS & DEVELOPMENT OPPORTUNITIES

## DEVELOPMENT OPPORTUNITIES

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### Facilities Assessment: Primary Sports

SPORT	VENUE	CAPACITY AMBITION	KEY ISSUES	DESCRIPTION OF WORKS	EST. COST RANGE (\$M)	INPUT FOR BUSINESS CASE (\$M)	NOTES
Aquatics (Swimming and Diving)	Kardinia Aquatic Centre	5,000 to 10,000 (swimming)	<ul style="list-style-type: none"> <li>- Community-level pool and aging support amenity</li> <li>- Pools are not compliant for international competition</li> <li>- Proximity of existing pools to each other limits spectator capacity</li> <li>- Existing footprint of site is not adequate to accommodate all event requirements and will require access to the Kardinia Park precinct</li> <li>- Master planning of the precinct is required to consider Games and legacy elements</li> <li>- Delivering a compliant venue is likely to have significant cost implications</li> <li>- Significant disruption with reconfiguration / redevelopment of the site</li> <li>- Potential land ownership issues</li> <li>- Capacity to deliver works within the available timeframe</li> </ul>	A complete redevelopment of the Kardinia Aquatic Centre site including pools (competition, warm-up and diving), development of compliant dive tower and springboards and improvement of amenities such as changerooms, entry zone etc.	\$75 to \$100	\$100	Includes diving and does not assume an indoor facility, which is a potential legacy opportunity
Athletics	Mars Stadium	20,000 to 30,000	<ul style="list-style-type: none"> <li>- No existing competition track or warm-up track in precinct</li> <li>- Capacity of existing FoP (oval) to fit international standard athletics track</li> <li>- The need to demolish and re-instate existing infrastructure including earth berm, food and beverage outlet and light poles</li> <li>- Spectator capacity limitations due to existing infrastructure on-site</li> <li>- Significant overlay requirement to deliver event</li> <li>- Minimal legacy opportunity</li> <li>- Boundary issues to be resolved with event precinct to extend into Showgrounds</li> <li>- Technical design is required to verify venue's capacity to deliver Athletics event</li> <li>- Significant disruption with reconfiguration / redevelopment of the site</li> <li>- Capacity to deliver works within the available timeframe</li> </ul>	Significant temporary overlay requirement. Opportunity to improve amenity such as changerooms, etc and track surface replacement at Llanberris Athletics Reserve, and relocation of temporary track installations to other parts of Victoria. Potentially at lower end of cost range	Up to \$25	\$25	Assumes most of the capital works being considered as 'overlay' including competition and warm-up tracks being temporary overlay works (with relocations in capital budget)



# SUMMARY OF OBSERVATIONS & DEVELOPMENT OPPORTUNITIES

## DEVELOPMENT OPPORTUNITIES (CONT)

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SPORT	VENUE	CAPACITY AMBITION	KEY ISSUES	DESCRIPTION OF WORKS	EST. COST RANGE (\$M)	INPUT FOR BUSINESS CASE (\$M)	NOTES
Badminton	Gippsland Regional Indoor Sports Stadium	1,200 for preliminary rounds, up to 2,500 for finals	<ul style="list-style-type: none"> <li>- Potential ceiling height compliance issue for competition and warm-up courts (to be verified)</li> <li>- Capacity of venue to provide a show court and preferred match court numbers</li> <li>- Ensuring any air movement can be controlled in FoP areas</li> <li>- Spectator capacity limitations</li> </ul>	Minor upgrade works to improve lighting lux levels and improvement of amenity such as changerooms, etc. Assumes broader building compliance works are not triggered. Potentially at bottom end of cost range			-
Boxing	Ballarat Sports and Events Centre	3,000	<ul style="list-style-type: none"> <li>- No major issues</li> <li>- FoP might be a slightly tight fit on the Show Court, and the facility will require temporary overlay in existing indoor spaces (and potentially outdoors) to meet all requirements</li> </ul>	Incorporates allowance for minor upgrades to facilities for community legacy including changerooms, technology enhancements, and upgraded light lux levels. Assumes Ballarat and Sports Events Centre is structurally sound and any capital works do not trigger major compliance issues Potentially at lower end of cost range			Moved from Minerdome with the relocation of Netball Fast 5 to Bendigo Stadium.
Cricket	GMHBA Stadium	40,000	<ul style="list-style-type: none"> <li>- Limited size of wicket table (only two drop in wickets)</li> <li>- Potentially requires ICC approval</li> <li>- Impact on AFL season if Games conducted during March period</li> <li>- Master planning of the precinct is required to consider Games and legacy elements</li> </ul>	Refurbishment of the facilities (excluding GMHBA Stadium), improvement of amenity such as changerooms and lighting, development of turf nets for the Bendigo facility and development of indoor training facilities at Ballarat and Bendigo. Assumes the venues are structurally sound and any capital works on the buildings do not trigger major compliance issues. Potentially at lower end of the cost range			-
	Ted Summerton Reserve	10,000	<ul style="list-style-type: none"> <li>- Requires ICC approval to host international competitions</li> <li>- No alternative full size oval in close proximity</li> <li>- Significant event overlay required</li> </ul>				-
	Eastern Oval	10,000	<ul style="list-style-type: none"> <li>- Requires ICC approval to host international competitions</li> <li>- No alternative full size oval in close proximity</li> <li>- No indoor training facility</li> <li>- Significant event overlay required</li> </ul>				-
	Queen Elizabeth Oval	10,000	<ul style="list-style-type: none"> <li>- Requires ICC approval to host international competitions</li> <li>- No alternative full size oval in close proximity</li> <li>- No outdoor turf training nets</li> <li>- No indoor training facility</li> <li>- Significant event overlay required</li> </ul>				-

# SUMMARY OF OBSERVATIONS & DEVELOPMENT OPPORTUNITIES

## DEVELOPMENT OPPORTUNITIES (CONT)

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SPORT	VENUE	CAPACITY AMBITION	KEY ISSUES	DESCRIPTION OF WORKS	EST. COST RANGE (\$M)	INPUT FOR BUSINESS CASE (\$M)	NOTES
Cycling Road Race	Various	500 at finish line	- Course to be determined	No permanent infrastructure proposed. To be delivered using temporary overlay	\$0	\$0	-
Diving	Kardinia Aquatic Centre	1,000	<ul style="list-style-type: none"> <li>- No 'ready to go' venue in regional Victoria</li> <li>- No compliant diving pool (size and depth) at venue</li> <li>- No existing dive tower at venue</li> <li>- Limited springboards available at venue</li> <li>- Delivering compliant venue is likely to have significant cost implications</li> </ul>	See Aquatics notes	See Aquatics notes	See Aquatics notes	Estimated costs allowed for in Aquatics capital cost estimate
Golf	Moonah Links	No assumptions have been made on seating / capacity (no guidance from CGF)	- Currently no infrastructure issues identified as impacting event delivery	Low expectation of major capital works, assuming the clubhouse remains in good condition. Potentially at lower end of cost range.	Up to \$25	\$25	-
Gymnastics	New Indoor Sports Centre (Kardinia Park)	6,000 to 7,500	<ul style="list-style-type: none"> <li>- No venue in regional Victoria capable of meeting Gymnastics FoP, warm-up and spectator requirements</li> <li>- Will require a new venue to be developed (proposed at Kardinia Park)</li> <li>- Impact on Kardinia Park (using existing open space)</li> <li>- Master planning of the precinct is required to consider Games and legacy elements</li> <li>- Capacity to deliver works within the available timeframe</li> <li>- Potential land ownership issues, and disruption to Park users</li> </ul>	Assumes the development of a new venue of up to c.9,000sqm with large indoor column free spaces that can be used for community indoor sport and elite Australian Rules training post Games. Will require works post games to convert into community and elite football indoor facility. Potentially at mid to high end of cost range (subject to building finish expectations).	\$75 to \$100	\$100	-

# SUMMARY OF OBSERVATIONS & DEVELOPMENT OPPORTUNITIES

## DEVELOPMENT OPPORTUNITIES (CONT)

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SPORT	VENUE	CAPACITY AMBITION	KEY ISSUES	DESCRIPTION OF WORKS	EST. COST RANGE (\$M)	INPUT FOR BUSINESS CASE (\$M)	NOTES
Hockey	Stead Park	4,000	<ul style="list-style-type: none"> <li>- Community level standard hockey facility</li> <li>- Pitches are not compliant for international competition</li> <li>- Proximity of pitches to each other limits spectator capacity</li> <li>- Existing amenity appears to be aging</li> <li>- Significant disruption with reconfiguration / redevelopment of the site</li> </ul>	Reconfiguration of the site, including the installation of two new compliant pitches (and a further compliant pitch elsewhere for training), some permanent lighting, and a rebuild of the changerooms and clubhouse. Potentially at the mid to higher end of cost range.	████████	████████	-
Lawn Bowls	Bendigo Bowls Club	2,000 to 3,000	<ul style="list-style-type: none"> <li>- Constrained site (size and layout)</li> <li>- Potential spectator capacity limitations</li> <li>- Need to access the broader precinct to deliver event</li> <li>- Likely to be some compromises in order to fit required event overlay</li> </ul>	Upgrade works to all bowling greens, lighting lux level upgrades and improvement of amenity such as clubhouse, changerooms, etc. Assumes broader building compliance works are not triggered. Potentially at lower end of cost range.	████████	████████	-
Marathon	Ballarat	500 (at finish line)	<ul style="list-style-type: none"> <li>- Course to be determined</li> </ul>	No permanent infrastructure proposed. To be delivered using temporary overlay	\$0	\$0	-
Netball / Netball Fast 5	Bendigo Stadium	4,000	<ul style="list-style-type: none"> <li>- Spectator capacity limited to 4,000</li> <li>- Need for a compliant warm-up court (although adequate space to achieve this)</li> <li>- Compliance of remaining courts to provide overflow training courts for Fast 5 program</li> </ul>	Minor works to recondition courts (including potentially outside of Bendigo Stadium if additional courts are required), upgrade light lux levels and undertake improvement of amenity such as changerooms, etc. Assumes broader building compliance works are not triggered. Potentially at lower end of cost range	████████	████████	-



# SUMMARY OF OBSERVATIONS & DEVELOPMENT OPPORTUNITIES

## DEVELOPMENT OPPORTUNITIES (CONT)

**CONFIDENTIAL**  
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SPORT	VENUE	CAPACITY AMBITION	KEY ISSUES	DESCRIPTION OF WORKS	EST. COST RANGE (\$M)	INPUT FOR BUSINESS CASE (\$M)	NOTES
Rowing	Nagambie Lakes Regatta Centre	No assumptions have been made on seating / capacity (no guidance from CGF)	<ul style="list-style-type: none"> <li>- No fully compliant venue option exists in the State</li> <li>- The provision of a Course with appropriate length, including required runoffs may not be able to be achieved (to be verified)</li> <li>- The required Course width for Olympic Games or World Rowing events is unlikely to be achieved</li> <li>- The required Course depth for the entire length of the Course may not be able to be achieved (to be verified)</li> <li>- No accessible bank for full length of course</li> <li>- No separate warm-up channel (requires use of adjacent lake area)</li> </ul>	Incorporates dredging works, upgrading or redeveloping finish tower, establishing vehicle access along course bank (where possible) and improving amenity such as changerooms and boathouse, etc. Potentially at upper end of cost range	Up to \$25	\$25	-
Rugby Sevens	Latrobe City Stadium	8,000 to 10,000	<ul style="list-style-type: none"> <li>- Spectator capacity of venue</li> <li>- Compliance of pitch and training facilities</li> </ul>	Refurbishment of the grandstands at Latrobe City Stadium (including changerooms and clubrooms), minimal upgrade to lighting, and any necessary resurfacing of pitches (including training pitches). Assumes the facilities at Latrobe City Stadium are structurally sound and any capital works do not trigger major compliance issues. Potentially at the mid to higher end of the range.			-
Shooting - Clay Target	Geelong Clay Target Club	500 at each site (per CGF requirements). Likely to fit more if required	<ul style="list-style-type: none"> <li>- Limited existing infrastructure</li> <li>- Compliance of ranges</li> <li>- Target system compliance</li> </ul>	Upgrade and redevelopment works required across all shooting venues including new pistol range (indoor) and small bore ranges (including finals ranges), compliant skeet and trap ranges, target system upgrades and improvement of amenity such as club rooms, changerooms, etc. Potentially at lower end of the cost range	\$25 to \$50	\$50	There may be opportunity for consolidation of shooting venues into one or two sites
Shooting - Full Bore	Wellsford Rifle Range		<ul style="list-style-type: none"> <li>- Limited existing infrastructure</li> <li>- Target system compliance</li> </ul>				
Shooting - Pistol and Small Bore	Little River Shooting Range		<ul style="list-style-type: none"> <li>- No indoor 10m range (to be verified)</li> <li>- Compliance of 25m and 50m ranges</li> <li>- Unlikely to have appropriate ranges for small bore finals</li> <li>- Privately owned venue</li> </ul>				

# SUMMARY OF OBSERVATIONS & DEVELOPMENT OPPORTUNITIES

## DEVELOPMENT OPPORTUNITIES (CONT)

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SPORT	VENUE	CAPACITY AMBITION	KEY ISSUES	DESCRIPTION OF WORKS	EST. COST RANGE (\$M)	INPUT FOR BUSINESS CASE (\$M)	NOTES
Squash	Bendigo (Pop-Up) - no designated site	2,000 for Show Court (per CGF requirements)	- Need for sporting amenity (across training, competition, lights, etc)	No permanent infrastructure proposed. To be delivered using temporary overlay	\$0	\$0	Moved from Shepparton Sports Stadium upon direction of Visit Victoria.
Table Tennis	Geelong Arena	1,500 for Show Court (potentially 2,000) and 630 for match courts	- Aging venue - Potential limitations on match court numbers - Spectator seating limitations on Show Court and match courts - Training area will likely need to be accommodated in temporary structure on-site or at an off-site venue	Refurbishment of the venue and improvement of amenity such as changerooms, lighting lux levels and technology, etc. Assumes venue is structurally sound and any capital works on the building do not trigger major compliance issues. Potentially at lower end of the cost range.	\$25 to \$50	\$50	-
Tennis	Fosterville Gold Tennis Centre, Bendigo	6,000 to 8,000 for Show Court and 500 to 1,000 for the three competition courts	- Limited spectator seating and no permanent (large) show court - Will likely require the installation of a new (temporary) court to facilitate the inclusion of a main show court	Incorporates some potential refurbishment of the existing facilities on-site. Assumes the buildings are structurally sound (and any capital works do not trigger major compliance issues). Also includes installation of compliant courts across the precinct (including any necessary resurfacing) along with minimum lighting for legacy. Potentially at the lower end of the cost range	Up to \$25	\$25	Moved from Mildura Lawn Tennis Club upon direction of Visit Victoria
Triathlon	Eastern Beach Geelong	2,000 (at finish)	- Nil	No permanent infrastructure proposed. To be delivered using temporary overlay	\$0	\$0	-

# SUMMARY OF OBSERVATIONS & DEVELOPMENT OPPORTUNITIES

## DEVELOPMENT OPPORTUNITIES (CONT)

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SPORT	VENUE	CAPACITY AMBITION	KEY ISSUES	DESCRIPTION OF WORKS	EST. COST RANGE (\$M)	INPUT FOR BUSINESS CASE (\$M)	NOTES
Beach Volleyball	Bellarine Peninsula (Pop-Up) - no designated site	3,000 (per CGF requirements)	- No existing Beach Volleyball infrastructure	No permanent infrastructure proposed. To be delivered using temporary overlay	\$0	\$0	Moved from David MacFarlan Reserve in Sorrento upon direction of Visit Victoria.
Weightlifting / Powerlifting	Geelong Convention and Exhibition Centre	2,000 to 2,500 (if exhibition hall is suitable) (fall back is around 1,000 in plenary hall)	- Limited venue options across regional Victoria that meet the CGF's spectator capacity expectations - Available space for FoP, seating, warm-up and training need to be confirmed - Building is currently in planning phase and final design is not confirmed and may need to be influenced to meet Weightlifting and Powerlifting requirements - Capacity to deliver works within the available timeframe	New building and no permanent infrastructure proposed. To be delivered using temporary overlay	\$0	\$0	-
Opening Ceremony	Melbourne Cricket Ground	100,000	- No issues	No permanent infrastructure proposed. To be delivered using temporary overlay	\$0	\$0	-
Closing Ceremony	GMHBA Stadium	40,000	- Master planning of the precinct is required to consider Games and legacy elements	No permanent infrastructure proposed. To be delivered using temporary overlay	\$0	\$0	-
<b>SUBTOTAL PRIMARY SPORTS</b>						<b>\$600</b>	

**Aggregating the capital cost inputs for the Primary Sports comprising the 2026 Games sports program, DHW Ludus has estimated a capital budget of \$600 million. Three 'optional' sports (as dictated by the Government) are reported over the page.**



# SUMMARY OF OBSERVATIONS & DEVELOPMENT OPPORTUNITIES

## DEVELOPMENT OPPORTUNITIES (CONT)

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### Facilities Assessment: Optional Sports

SPORT	VENUE	CAPACITY AMBITION	KEY ISSUES	DESCRIPTION OF WORKS	EST. COST RANGE (\$M)	INPUT FOR BUSINESS CASE (\$M)	NOTES
BMX (Freestyle)	Ballarat (Pop-Up) - no designated site	2,500 (per CGF expectations for other sports)	<ul style="list-style-type: none"> <li>- Will require a compliant freestyle park</li> <li>- Adequate area for spectators and related amenity</li> </ul>	Development (or redevelopment) of a site, leaving legacy freestyle amenity for the community (assuming any capital cost at the bottom end of the range)	██████████	██████████	-
Mountain Bike (Cross Country)	Buninyong, Ballarat	2,000 (per CGF requirements)	<ul style="list-style-type: none"> <li>- Course to be determined</li> <li>- Will required a compliant course</li> <li>- Adequate open space for start / finish area</li> <li>- Adequate area for spectator viewing points</li> <li>- Broadcast considerations in a likely bush setting</li> </ul>	Potential development of a competition course and amenity (i.e. power, water) to support the Games and to provide legacy for the sport / community	██████████	██████████	-
Basketball (3 x 3)	Bendigo Stadium	2,500 (per CGF requirements)	- No compliant show court or amenity (as far as can be ascertained at the time of writing)	Development of show court and warm-up court (potentially as overlay), however opportunity for legacy	\$0	\$0	Regardless of final sport mix at venue, proposed funding allocated to venue for Netball (Traditional) will cover capital works for alternative sport options
<b>SUBTOTAL OPTIONAL SPORTS</b>						<b>\$50</b>	
<b>TOTAL SPORTS PROGRAM</b>						<b>\$650</b>	

**Aggregating the capital cost inputs for the Primary Sports and Optional Sports, DHW Ludus has estimated a total capital budget of \$650 million. Refer to section 4 for the detailed reports for each sport / venue.**



# INTRODUCTION



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The State Government of Victoria ('the Government') is in the process of offering to host the 2026 Commonwealth Games ('the Games') in regional Victoria. To assist its offer to the Commonwealth Games Federation ('CGF'), the Government engaged a consortium of consultants to provide advice on the staging of the Games, ultimately leading to the development of a Business Case prepared within the Government's investment guidelines. The consortium was led by Ernst & Young (who prepared the Business Case).

DHW Ludus Infrastructure ('DHW Ludus') was designated to provide an assessment of facilities nominated by the Government to host the sports program (again nominated by the Government), for the Games. For the remainder of this document ('the Report'), DHW Ludus' work is referred to as 'the Facilities Assessment', and is addressed to Ernst & Young, as leader of the consortium reporting to the Government.

### Key Parties Referred to in the Report

<b>ORGANISATION</b>	<b>ABBREVIATION</b>
<b>Government</b>	
Sport and Recreation Victoria	SRV
Visit Victoria	VV
<b>Project Team</b>	
Ernst & Young	EY
MI Associates	MI
DHW Ludus Infrastructure	DHW Ludus



### Considerations for the Facilities Assessment

The following is pertinent for the Facilities Assessment:

- DHW Ludus was provided direction by EY and the Government to undertake the Facilities Assessment on the sites / facilities as outlined in the subsequent pages
- Regarding the facilities / sites:
  - Most of the selected venues are community sporting facilities with no major event capacity
  - Venues are largely owned and / or controlled by third parties
- The focus of the Facilities Assessment was to provide comment on whether the nominated facility / site could reasonably host the relevant sport as part of the Games
- Following DHW Ludus' procedures, if it was identified that the facility / site could not reasonably host the relevant sport as part of the Games, then alternate sites were to be identified and assessed (with approval provided by the Government to commence with the additional assessment)
- Other than a review of information provided by the Government, and discussions with representatives of the Government, the Facilities Assessment was to be undertaken using publicly available information, and be desktop in nature without the support of technical advice of engineers, town planners, architects or quantity surveyors.

### High Level Summary of Steps of the Facilities Assessment

- Reviewed international sport federation technical documents, with a focus on the field of play, broadcast lighting, and athlete amenity
- Reviewed CGF regulations to understand spectator capacity requirements by sport to allow for an assessment of each venue's capacity to meet the requirement (be it through either temporary, new or existing seating)
- Desktop review of each selected venue to determine the capacity of the venue to:
  - Meet international federation requirements (field of play ('FoP'), broadcast, athlete, etc)
  - Achieve spectator capacity (mainly via temporary overlay)
  - Provide a presentable venue for an international event
  - Allow for transport access (although this is focused on the facility only and not wider links with accommodation, training venues, airports, etc)
- The Facilities Assessment identified both permanent and temporary overlay opportunities (with costs associated with temporary overlay estimated by MI, and provided in a separate report prepared by MI)
- The approach and methodology for the Facilities Assessment is provided on page 21
- A list of the information reviewed by DHW Ludus is provided on page 22

***The Report is supported by a number of critical Limitations. The reader should make themselves aware of these Limitations when consuming the findings of the Report. Please refer to section 3 for these Limitations.***



# INTRODUCTION

## FACILITIES ASSESSED IN THE REPORT

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INITIAL LIST PROVIDED BY THE GOVERNMENT		FINAL LIST AT TIME OF REPORTING		
SPORT	VENUE	SPORT	VENUE	COMMENTS
Aquatics – Swimming	Kardinia Aquatic Centre, Geelong	Aquatics – Swimming	Kardinia Aquatic Centre, Geelong	-
Aquatics – Diving	Mildura Waves	Aquatics – Diving	Kardinia Aquatic Centre, Geelong	Venue adopted by the Steering Committee on 21 December 2021
Athletics	Mars Stadium, Ballarat	Athletics	Mars Stadium, Ballarat	-
		Athletics – Marathon	Mars Stadium, Ballarat	Whilst not expressly provided on the initial sport program, it was always intended that the Games would include Marathon
Badminton	GRISS, Traralgon	Badminton	GRISS, Traralgon	-
Boxing	Minerdome, Ballarat	Boxing	Ballarat Sports and Events Centre	Venue adopted by the Steering Committee on 13 January 2022
Cricket T20	GMHBA Stadium	Cricket T20	GMHBA Stadium; Ted Summerton Reserve (Moe); Eastern Oval (Ballarat), QEO Bendigo	Supplementary venues (in addition to GMHBA Stadium) adopted by the Steering Committee on 6 January 2022
Curling	Bendigo (specific venue not provided)			Sport removed by the Steering Committee on 14 December 2021
Cycling – Road (Tour)	Statewide	Cycling – Road (Tour)	Specific course to be determined	-
Golf	Moonah Links, Fingal	Golf	Moonah Links, Fingal	-
Gymnastics – Artistic	Ballarat Sports and Events Centre	Gymnastics – Artistic	Kardinia Park, Geelong	Venue adopted by the Steering Committee on 6 January 2022
Hockey	Stead Park, Geelong	Hockey	Stead Park, Geelong	-



# INTRODUCTION

## FACILITIES ASSESSED IN THE REPORT (CONT)

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INITIAL LIST PROVIDED BY THE GOVERNMENT		FINAL LIST AT TIME OF REPORTING		
SPORT	VENUE	SPORT	VENUE	COMMENTS
Lawn Bowls	Bendigo Bowls Club	Lawn Bowls	Bendigo Bowls Club	-
Netball – Fast 5	Bendigo Stadium	Netball – Fast 5	Bendigo Stadium	Venue re-adopted by the Steering Committee on 13 January 2022 (following alteration to program to allow for co-location with Traditional Netball)
Netball – Traditional	Bendigo Stadium	Netball – Traditional	Bendigo Stadium	-
Rowing	Lake Nagambie	Rowing	Lake Nagambie	-
Rugby Sevens	Latrobe City Stadium	Rugby Sevens	Latrobe City Stadium	-
Shooting – Full Bore	Wellsford Forest, Bendigo	Shooting – Full Bore	Wellsford Forest, Bendigo	-
Shooting – Clay Target	Geelong Clay Target Club	Shooting – Clay Target	Geelong Clay Target Club	-
Shooting – Pistol Shooting – Small Bore	Little River Shooting Range	Shooting – Pistol Shooting – Small Bore	Little River Shooting Range	-
Squash	Shepparton Sports Stadium	Squash	‘Pop Up’ site in Bendigo (no specific site identified)	Venue adopted by the Steering Committee on 13 January 2022
Table Tennis	Geelong Arena	Table Tennis	Geelong Arena	-
Tennis	Mildura Lawn Tennis Club	Tennis	Fosterville Gold Tennis Centre, Bendigo	Venue adopted by the Steering Committee on 13 January 2022
Triathlon	Geelong Waterfront	Triathlon	Geelong Waterfront	-
Volleyball – Beach	Dave MacFarlan Reserve (Sorrento Football Ground)	Volleyball – Beach	‘Pop Up’ site on Bellarine Peninsula (no specific site identified)	Venue adopted by the Steering Committee on 13 January 2022

# INTRODUCTION

## FACILITIES ASSESSED IN THE REPORT (CONT)

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INITIAL LIST PROVIDED BY THE GOVERNMENT		FINAL LIST AT TIME OF REPORTING		
SPORT	VENUE	SPORT	VENUE	COMMENTS
		Weightlifting / Powerlifting	Proposed Geelong Convention Centre	Sport added by the Government around 16 December 2022 Venue adopted by the Steering Committee on 6 January 2022
		Basketball – 3x3	Bendigo Stadium	Sport / venue added by the Government, and then adopted by the Steering Committee on 13 January 2022
		BMX - Freestyle	'Pop Up' site in Ballarat (no specific site identified)	Sport / venue added by the Government, and then adopted by the Steering Committee on 13 January 2022
		Mountain Bike – Cross Country	Buninyong, Ballarat	Sport / venue added by the Government, and then adopted by the Steering Committee on 13 January 2022

*Reports for each of the facilities comprising the 'Final List at Time of Reporting' are provided in Section 4*

# INTRODUCTION

## DHW LUDUS APPROACH AND TASKS

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	Stage	Steps	Notes
1	AGREED STARTING POINT	Sport program and venues provided by the Government	<i>MI supports DHW Ludus regarding sporting program fit with initial venue allocation</i>
2/ 3	INPUTS (SITUATION ANALYSIS & INSIGHTS COMPILATION)	Review International Sport Federation Guidelines Review CGF Guidelines Review VV database on venues Review information provided by SRV Identify gaps and complete with desktop research Identify Training Venue opportunities	<i>No consultation with sports or venue owners</i>
4	VENUE BY VENUE REPORTS (ASSESSMENT AND AUDIT)	Agree key assessment metrics and reporting format/ content Overall compliance rating (Yes / No) Description of material diversions Footprint assessment (Fit / Not Fit) <ul style="list-style-type: none"> <li>- Field of play</li> <li>- Athlete services</li> <li>- Spectator, media and broadcast</li> <li>- Overlay requirements</li> </ul> Issues identification <ul style="list-style-type: none"> <li>- Lease line and land owners</li> <li>- Disruption and displacement</li> </ul>	<i>DHW Ludus to provide commentary on State's principles that should be non-negotiable as they relate to venues</i>
5	GAP ANALYSIS AND SOLUTION	Internal workshop between DHW Ludus, MI and EY to map approach regarding permanent works versus overlay Workshop with SRV to agree approach to address needs Prepare summary of key capital works and indicative magnitude of costs Prepare summary of key overlay works	<i>MI supports DHW Ludus                      MI provides advice and costing for overlay works, etc                      No design / no QS</i>



The following documents were reviewed to inform the preparation of this Report:

- International sport federation technical documents manuals for the sports that form part of the proposed sports program (see list to the right)
- Birmingham 2022 Commonwealth Games venue block plans (provided by Visit Victoria)
- Draft Candidate Manual 2026 Commonwealth Games (provided by Visit Victoria)
- Draft Annex 3 2026 Games Requirements (provided by Visit Victoria)
- Victorian Regional hosting concept for the 2026 Commonwealth Games (provided by Visit Victoria)
- Venue scoping studies prepared by Visit Victoria
- Greater Victoria 2030 Commonwealth Games Bid Pre-Feasibility Study – Final Report (Provided by Sport and Recreation Victoria)
- Venue specific information (where available) provided by Sport and Recreation Victoria including:
  - General ownership and tenant information
  - Architectural plans
  - Previous studies (feasibility studies, business cases, etc)

### International Sport Federation Documents Reviewed

#### Aquatics:

- FINA Facilities Rules – 2017-2021

#### Athletics:

- IAAF Track and Field Facilities Manual 2008
- IAAF Competition Rules 2018-2019

#### Badminton:

- BWF Statutes, Section 5.3.4, Specifications for International Standard Facilities
- BWF – Request for Proposals BWF Major Events

#### Basketball 3x3:

- FIBA Official 3x3 Basketball Rule and Equipment
- Appendix to the FIBA Official 3x3 Basketball Rules and Equipment: FIBA Official 3x3 Basketball Equipment & Software

#### Boxing:

- AIBA Event Operational Manual

#### Cricket:

- Venue Guidelines for Australian Cricket, Tier 2 Venues
- ICC Women's Twenty20 International Playing Conditions
- ICC Men's Twenty20 International Playing Conditions

#### Cycling – BMX Freestyle:

- UCI BMX Freestyle Park Guide
- UCI Cycling Regulations, Part 6 - BIS BMX Freestyle Competitions

#### Cycling – Cross Country Mountain Bike:

- UCI Cycling Regulations, Part 4 - BIS BMX Freestyle Competitions

#### Cycling – Road Race:

- UCI Cycling Regulations, Part 2 – Road Races

#### Diving

- FINA Facilities Rules – 2017-2021

#### Golf:

- IGF Olympic Golf Regulations, Games of the XXXII Olympiad – Tokyo 2020

#### Gymnastics:

- FIG Technical Regulation 2022
- FIG Apparatus Norms

#### Hockey:

- FIH Venue Specifications Commonwealth Games
- FIH International Hockey Federation Event Requirements Hockey Commonwealth Games
- FIH Commonwealth Games Hockey Field Specifications and Technical Requirements

#### Lawn Bowls:

- World Bowls, Laws of the Sport of Bowls

#### Marathon:

- IAAF Track and Field Facilities Manual 2008
- IAAF Competition Rules 2018-2019
- IAAF Road Running Manual

#### Netball (Traditional and Fast 5):

- INF Event & Commercial Operations Manual: Appendix H: Venue Specifications & Equipment Requirements
- INF Technical Specification – Court
- INF Rules of Fast 5 Netball

#### Rowing:

- FISA Manual

#### Rugby Sevens:

- World Rugby Laws of the Game

#### Shooting – Clay Target:

- ISSF General Technical Rules

#### Shooting – Full Bore:

- International Confederation of Full Bore Rifle Associations, Rules and Match Conditions

#### Shooting – Pistol and Small Bore:

- ISSF General Technical Rules

#### Squash:

- WSF Specifications for Squash Courts (Recommended Standards)

#### Table Tennis:

- ITTF Handbook

#### Tennis:

- ITF Rules of Tennis
- Tennis Australia, Enclosure and Court Dimensions

#### Triathlon:

- ITU Organisers Manual

#### Beach Volleyball:

- FIVB Beach Volleyball Handbook

#### Weightlifting:

- IWF Technical and Competition Rules and Regulations



## LIMITATIONS

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The preparation of the Report includes a number of limitations that the reader should be aware of.

### **Restrictions on the Report Use**

The Report may be relied upon by Ernst & Young and the State Government of Victoria to assist it with the assessment of the State Government of Victoria's offer to the Commonwealth Games Federation of hosting the 2026 Commonwealth Games. It should not be relied upon for any other purpose. DHW Ludus Infrastructure disclaims all liability to any party other than Ernst & Young and the State Government of Victoria for all costs, loss, damage and liability that the third party may suffer or incur arising from or relating to or in any way connected with the provision of the work products to the third party without DHW Ludus Infrastructure's prior written consent.

Any commercial decisions taken by Ernst & Young and the State Government of Victoria (or others) are not within the scope of DHW Ludus Infrastructure's duty of care and in making such decisions Ernst & Young and the State Government of Victoria should take into account the limitations of the scope of our work and other factors, commercial and otherwise, of which you should be aware of from sources other than the work DHW Ludus Infrastructure has performed.

### **Basis of the Work**

In performing the work subject of the Facilities Assessment, DHW Ludus Infrastructure has reviewed information provided by Ernst & Young and the State Government of Victoria, undertaken discussions with representatives of Ernst & Young and the State Government of Victoria, and performed research and analysis of other relevant publicly available information in order to prepare the Report.

DHW Ludus Infrastructure has not independently verified, or accepted any responsibility or liability for independently verifying any such information nor does DHW Ludus Infrastructure make any representation as to the accuracy or completeness of the information. DHW Ludus Infrastructure accepts no liability for any loss or damage, which may result from your reliance on any research, analyses or information so supplied.



The preparation of this Report includes a number of other limitations including the following:

- The list of sports and associated facilities in which the sports are to be hosted at the 2026 Commonwealth Games was provided by the State Government of Victoria
- All venues nominated by the State Government of Victoria will be available for the 2026 Commonwealth Games, and their owners will be willing to make their venues available for the event
- The work to assess the facilities was desktop in nature. The work (by direction of the State Government of Victoria):
  - Was undertaken in a condensed timeframe to meet reporting deadlines
  - Did not include any consultations (including with venue owners / managers or sports) or site visits / inspections
  - Did not include any engineering assessments, planning advice, technical design and capital costing (by a quantity surveyor)
  - Did not include community or high performance demand assessments (over and above identified 2026 Commonwealth Games' needs)
- For some facilities identified by the State Government of Victoria, publicly available information was limited
- To estimate capital costs, an 'order of magnitude' exercise was undertaken, based on:
  - Increments of \$25 million (agreed with Ernst & Young and the State Government of Victoria)
  - Benchmarks for similar projects
  - Heavy caveats given capital works have not been fully scoped, nor have key aspects such as building condition been ascertained
  - Capital costs being presented in 2022 dollars, and no consideration of aspects such as labour scarcity in regional Victoria
- It should be noted that:
  - Access to more detailed information, or technical expertise (such as that listed previously), or consultations with relevant stakeholders such as venue owners and / or managers and sports, along with site visits / inspections may have resulted in conclusions that differ from those provided in the Report
  - The sport program, and venues provided, do not represent DHW Ludus Infrastructure's opinion of the appropriate mix of sports and venues for the 2026 Commonwealth Games (nor were we requested to provide such opinions and as such, we have not done so)



## ASSESSMENT OF INDIVIDUAL FACILITIES

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# AQUATICS – SWIMMING: KARDINIA AQUATIC CENTRE

# AQUATICS (SWIMMING) – KARDINIA AQUATIC CENTRE, GEELONG

## ISSUES AND RECOMMENDATIONS

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### HIGHLIGHTS

Facility Fit For Program:	The Aquatics program WILL NOT fit into the Kardinia Aquatic Centre footprint and will require the use of the broader Kardinia Park precinct for temporary seating and event overlay. Adding the Diving program to the venue adds to the footprint constraints. A redevelopment of the venue including the re-positioning and upgrades of the existing pools is required to ensure compliance and to allow for greater spectator capacity. Proposed upgrade works should be considered as part of a broader master plan of Kardinia Park (for event and post event)
Training Venues	Multiple (closest venues include Leisurelink Aquatic and Recreation Centre, Waurm Ponds and Drysdale Outdoor Pool, Drysdale)
General Compliance Rating	Does not comply <b><i>Assuming the delivery of the facility is feasible (and necessary overlay can be delivered) and surrounding land is accessible, it is expected post works the venue would be compliant</i></b>

### MAJOR ISSUES

### REMEDIES

### PERMANENT OR TEMPORARY OVERLAY

Need for a compliant competition pool. Current competition pool is 1.8m deep. FINA specifications indicate a minimum depth of 2.0m for Olympic Games and World Championships and recent Commonwealth Games have met this requirement	Re-build and re-position pool to ensure pool depth is 2.0m deep and provides increased space between pools to allow for provision of greater spectator seating	Permanent
Capacity of venue to meet minimum CGF specified spectator capacity of 4,000 and preferably an ambition of 10,000 spectators	Install temporary spectator seating. Will require the use of the broader Kardinia Park precinct outside of current site boundary to achieve spectator capacity ambitions	Temporary overlay
Need for compliant warm-up pool. Current pool not compliant due to variable depth (1.9m - 1.2m)	Re-build and re-position pool to provide increased depth (preferably uniform) and increased space between pools to allow for provision of greater spectator seating	Permanent
Need for compliant lighting at competition pool (1,500 lux) and warm-up pool	Install compliant lighting	Combined. Some opportunity to for permanent lighting as a legacy opportunity



# AQUATICS (SWIMMING) – KARDINIA AQUATIC CENTRE, GEELONG

## ISSUES AND RECOMMENDATIONS (CONT)

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MAJOR ISSUES	REMEDIES	PERMANENT OR TEMPORARY OVERLAY
Requirement for most amenity across Spectators, Athletes Services, Officials & Operations, Medical, Broadcast & Media, Transport, Accreditation, Security, etc	Install as required. Will require use of Kardinia Park precinct outside of current site boundary Overlay efficiencies should be achieved as a result of locating the venue at Kardinia Park, which also includes the Gymnastics, Diving and Cricket programs	Combined. Some opportunity for permanent amenity as a legacy for community sport (such as changerooms)
Location of junior and toddler pools impact event delivery	Remove pools for games period and re-instate post games (to be considered as part of broader redevelopment works)	Permanent
Significant disruption with reconfiguration / redevelopment of the site	N/a	N/a
Capacity to deliver works with available timeframe	Commence planning immediately and adopt an accelerated delivery solution	N/a
Site governance and access with parts of Kardinia Park overseen by the Kardinia Park Stadium Trust, and others under Committee of Management by the City of Greater Geelong	Commence negotiations between the State Government and Local Government	N/a

CAPITAL WORKS	INDICATIVE ESTIMATE (\$M)
Permanent	\$75 to \$100*

\*: Incorporates a complete redevelopment of the Kardinia Aquatic Centre site including pools (competition, warm-up and diving), development of compliant dive tower and springboards and improvement of amenities such as changerooms, entry zone, etc.

# AQUATICS (SWIMMING) – KARDINIA AQUATIC CENTRE, GEELONG

## ASSESSMENT DETAIL – GENERAL INFORMATION

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### GENERAL INFORMATION

Venue Name:	Kardinia Aquatics Centre
Address:	25 Park Cres, South Geelong Vic 3220
Geo Coordinates:	38.160060S; 144.353120E
Governance:	City of Greater Geelong
Existing Tenants:	Geelong Swimming Club Marlins Water Polo Club
Nature of Use:	Club and recreational swimming (competitions and training). Venue also used for school swimming carnivals
Approximate Size of Precinct:	Perimeter: c. 640m Area: c. 20,360 sqm
General Description of Facilities:	Kardinia Aquatic Centre is located in the Kardinia Park precinct and includes two 50m pools (known as the FINA and Olympic pools). In addition, it includes a diving pool (springboards only) and water play space. The site has minimal support amenity



Source: City of Greater Geelong



Source: Google Earth

# AQUATICS (SWIMMING) – KARDINIA AQUATIC CENTRE, GEELONG

## ASSESSMENT DETAIL – PRECINCT COMPARISONS

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### Kardinia Aquatic Centre

- Perimeter: c.640m
- Area: 20,360sqm

Source: Google Earth



Source: Google Earth

### Melbourne 2006 Commonwealth Games Venue: Melbourne Sports and Aquatic Centre

- Perimeter: c.770m
- Area: c.25,760sqm

Source: Google Earth



Source: Google Earth



Source: Archi Expo Website

### Gold Coast Commonwealth Games Venue: Gold Coast (Optus) Aquatic Centre

- Perimeter: c.650
- Area: c.25,100sqm

Source: Google Earth



Source: Austadiums Website

### **KEY POINT:**

***The existing pools dimensions, layout, and amenity is likely to be insufficient for hosting a Commonwealth Games Aquatics program. Provided a major upgrade is undertaken and with necessary overlay and access to the broader Kardinia Park precinct, the site should be capable of hosting the Aquatics program for the 2026 Games (including Diving).***





Source: Google Earth and DHW Ludus Analysis  
Possible Commonwealth Games mode option

*The Kardinia Aquatic Centre is a community level aquatics facility with no significant event capacity. The venue will require a major upgrade, along with significant temporary overlay to be capable of hosting the 2026 Games Aquatics program.*

*Upgrades and relocations are required to the competition pool and warm-up pool (to achieve greater depth), and increase the space between pools to provide for greater spectator capacity. In addition, upgrades to lights and other amenity (i.e. change facilities) may provide further legacy opportunities.*

*Access to the broader Kardinia Park precinct will be required for temporary spectator seating and other temporary overlay requirements to service athletes and officials.*

*A broader master plan for Kardinia Park should be undertaken (in conjunction with other venues in the precinct including the proposed Gymnastics venue and GMHBA Stadium) that considers both Commonwealth Games mode and post Commonwealth Games mode*

### **INDICATIVE DEVELOPMENT OPPORTUNITY:**

- 1. Installation of new pools (competition and warm-up)**
- 2. Provision of broadcast standard lighting**
- 3. Improve amenity including changeroom facilities**

# AQUATICS (SWIMMING) – KARDINIA AQUATIC CENTRE, GEELONG

## ASSESSMENT DETAIL – FIELD OF PLAY, OTHER AMENITY AND MATTERS

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CGF / ISF REQUIREMENTS	FACILITY COMMENTARY	INDICATIVE IMPROVEMENT OPPORTUNITY
ISF specified pool dimensions for a competition pool are 50.0m long (plus provision to account for automatic timing equipment) x 25.0m wide The pool depth is not specified for Commonwealth Games, however a 2.0m depth is required for Olympic Games and World Championships and recent Commonwealth Games pools have been 2.0m deep	Current competition (FINA) pool depth at venue is 1.8m	Upgrade pool as required and ensure appropriate space between pools for spectator amenity
Specified CGF requirements requires a 6 lane 50m warm-up pool	There is a second pool at venue (Olympic pool), however has variable depth (1.2m - 1.9m)	Upgrade or new pool to ensure appropriate depth and space between pools for spectator amenity
ISF videoboard requirement (35sqm)	No videoboard at venue	Temporary overlay. Opportunity for permanent solution as a legacy
Specified CGF spectator capacity of 4,000, however ambition is 10,000	Current venue has no permanent seating	Temporary seating overlay. Will require use of broader Kardinia Park precinct
Lighting (Broadcast) up to 1,500 lux over the whole pool	Unknown. Will likely require upgrade to provide compliant lighting	Temporary overlay. Opportunity to incorporate some permanent lighting

Source: FINA Facilities Rules  
Annex 3: 2026 Commonwealth Games Requirements



# AQUATICS (SWIMMING) – KARDINIA AQUATIC CENTRE, GEELONG

## ASSESSMENT DETAIL – FIELD OF PLAY, OTHER AMENITY AND MATTERS (CONT)

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CGF / ISF REQUIREMENTS	FACILITY COMMENTARY	INDICATIVE IMPROVEMENT OPPORTUNITY
<b>Athlete Services:</b> A wide range of amenity for the Athletes, including changerooms, lounge, etc	Minimal, unsuitable facilities	Opportunity for some permanent works as a legacy for the sport / Club Temporary overlay for remainder (and most)
<b>Officials &amp; Operations:</b> A wider range of amenity across officials, delegates, VIPs, volunteers, and competition management, including specific spaces, offices, etc	Minimal, unsuitable facilities	
<b>Medical:</b> Dedicated spaces, including for doping control, first aid, etc	Minimal, unsuitable facilities	
<b>Broadcast &amp; Media:</b> Media centre, media lounge, etc	Minimal, unsuitable facilities	
<b>Other:</b> Storage, scoreboard	Minimal, unsuitable facilities	

OTHER LIKELY REQUIREMENTS	FACILITY COMMENTARY	INDICATIVE IMPROVEMENT OPPORTUNITY
Transport hub for athletes, officials, etc	Access roads in place Likely need to use existing carpark network within Kardinia Park precinct	Temporary overlay
Transport hub for spectators	Access roads in place Likely need to use Moorabool Street and Kardinia Park carpark precinct c. 0.73km from nearest train station (South Geelong)	Temporary overlay
Accreditation	No suitable facilities	Temporary overlay
Security	No suitable facilities	Temporary overlay

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POTENTIAL ISSUE	IMPLICATION
<p><b>Boundary:</b> Borders Kardinia Park precinct</p>	<p>Site governance and access to precinct will require negotiation with parts of Kardinia Park overseen by the Kardinia Park Stadium Trust, and others under Committee of Management by the City of Greater Geelong</p>
<p><b>Disruption:</b> Multitude of community sport and recreational users and AFL matches</p>	<p>Significant displacement given the proposed reconfiguration / redevelopment of the site                      Need to find alternate facilities for displaced groups including lap swimmers, swimming clubs / squads                      Potential impact on broader Kardinia Park precinct users including stadium users and recreational sport user groups                      Potential claims for compensation</p>



### CGF / ISF REQUIREMENTS

In addition to the competition pool and a 6-lane warm-up pool, a separate training facility with a 50m pool is required

### VENUE NAME: LEISURELINK AQUATIC AND RECREATION CENTRE

Address:	240 Pioneer Road, Waurm Ponds 3216
Geo Coordinates:	36.255348S; 142.253570E
Governance:	Swim Sport & Leisure, City of Greater Geelong
Proximity to Competition Venue:	6.4km
Field of Play Provision:	Public 50m lap pool, presently closed for replacement works, planned reopening mid-2022 (depth not specified)
Amenity On-site:	Public change rooms; multi-use warm water pool with ramp access; spa and sauna; gym and group exercise rooms; accessible change rooms, hoist, ramps and gym equipment; ample carparking/ bus access
Indicative Improvement Opportunities:	Pending specifications of current pool redevelopment





### VENUE NAME: DRYSDALE POOL (UNDER DEVELOPMENT)

Address:	Peninsula Drive, Drysdale 3222
Geo Coordinates:	38.113639S; 144.330884E
Governance:	Swim Sport & Leisure, City of Greater Geelong
Proximity to Competition Venue:	20km
Field of Play Provision:	Public, eight lane 50m outdoor pool (currently under development)
Amenity On-site:	Minor seating, change rooms, ramps and ample carparking/ bus access
Indicative Improvement Opportunities:	Pending specifications of current pool redevelopment





# AQUATICS (SWIMMING) – KARDINIA AQUATIC CENTRE, GEELONG

## ASSESSMENT DETAIL – POTENTIAL TRAINING FACILITIES (CONT)

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### VENUE NAME: LARA AQUATIC CENTRE

Address:	2 Bank Street, Lara
Geo Coordinates:	38012746S; 144.235057E
Governance:	Swim Sport & Leisure, City of Greater Geelong
Proximity to Competition Venue:	17.0km
Field of Play Provision:	Public, six lane outdoor 50m Olympic pool (average temperature 27 degrees subject to seasonal conditions; depth not specified)
Amenity On-site:	Public change rooms; car parking; other public aquatic and recreation facilities
Indicative Improvement Opportunities:	Unknown



### VENUE NAME: AQUAPULSE

Address:	80-82 Derrimut Road, Hoppers Crossing
Geo Coordinates:	37.525943S; 144.410016E
Governance:	Western Leisure Services (owned by Wyndham City Council)
Proximity to Competition Venue:	50.7km
Field of Play Provision:	Public, eight lane indoor 50m pool (depth not specified)
Amenity On-site:	Gym and dedicated fitness areas; 25m pool; Outdoor piazza area with giant screen; car parking
Indicative Improvement Opportunities:	Unknown





# ATHLETICS – TRACK AND FIELD: MARS STADIUM



### HIGHLIGHTS

Facility Fit For Program:	The Athletics program WILL NOT fit into the Mars Stadium footprint and will require the use of the broader precinct including the showgrounds (to allow for the installation of temporary seating and other amenity) and an adjacent oval for the installation of a temporary warm-up athletics track. Ability to achieve specified spectator capacity requirements needs to be determined
Training Venues	Llanberris Athletics Reserve (Ballarat)
General Compliance Rating	Does not comply <b><i>Assuming the delivery of the necessary overlay at the facility is feasible, and surrounding is land accessible, it is expected post works the venue would be compliant</i></b>

### MAJOR ISSUES REMEDIES PERMANENT OR TEMPORARY OVERLAY

Need for a compliant competition athletics track. Currently no competition athletics track at venue	Install temporary athletics track. Note it is unlikely a track will align to the existing seating bowl of Mars Stadium due to width of the track. Exact configuration of track requires further technical input and advice to determine exact layout and fit	Temporary overlay (with capacity for relocation post Games)
Capacity of venue to meet CGF specified spectator capacity of 20,000 – 40,000. Current capacity of venue is c.11,000 including c.6,000 seats	Install temporary spectator seating with the ambition of achieving at least 20,000 seats at the venue. To facilitate installation of temporary seating is likely to require the removal of the earth berm at the southern end of the ground, the demolition of the current concession outlet, relocation of light pole and use of area outside boundary (showgrounds). Exact configuration of seating requires further technical input and advice to determine possible capacity and fit	Temporary overlay
Need for compliant warm-up athletics track. Currently no warm-up athletics track at venue (or precinct)	Install temporary track on adjacent oval	Temporary overlay (with capacity for relocation post Games)
Need for compliant lighting at competition venue and warm-up track (up to 2,000 lux at finishing line)	Install compliant lighting. Likely to require relocation of existing light poles	Combined

# ATHLETICS – MARS STADIUM, BALLARAT

## ISSUES AND RECOMMENDATIONS (CONT)

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MAJOR ISSUES	REMEDIES	PERMANENT OR TEMPORARY OVERLAY
Requirement for most amenity across Spectators, Athletes Services, Officials & Operations, Medical, Broadcast & Media, Transport, Accreditation, Security, etc	Install as required	Combined. Some opportunity for permanent amenity as a legacy for community sport (such as changerooms)
Need for training venue to have same track surface as competition and warm-up track	Upgrade track surface at Llanberris Athletics Reserve	Permanent
The need to re-instate ovals, existing earth berm, concession outlet and light pole(s) (and any other disrupted infrastructure, including the showgrounds)	Re-instate ovals, earth berm, concession outlet and light pole(s) at southern end of ground post games, etc	Temporary overlay
Significant disruption with reconfiguration of the facility and surrounds, and installation of temporary overlay	N/a	N/a
Capacity to deliver works within the available timeframe	Commence planning immediately and adopt an accelerated delivery solution	N/a
Site governance and access with the likely requirement to access the neighbouring showgrounds site	Commence negotiations between the State Government, Local Government and local show society	N/a

CAPITAL WORKS	INDICATIVE ESTIMATE (\$M)
Permanent	Up to \$25*~

\*: Significant temporary overlay requirement. Opportunity to improve amenity such as changerooms, etc and track surface replacement at Llanberris Athletics Reserve, and relocation of temporary track installations to other parts of Victoria. Potentially at lower end of cost range

~: Assume competition and warm-up tracks are temporary overlay works and are relocated post Games

# ATHLETICS – MARS STADIUM, BALLARAT

## ASSESSMENT DETAIL – GENERAL INFORMATION

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### GENERAL INFORMATION

Venue Name:	Mars Stadium
Address:	175 Creswick Rd, Wendouree, VIC, 3355
Geo Coordinates:	37.539352S; 143.848127E
Governance:	Owned by City of Ballarat North Ballarat Football Club (long term primary tenant)
Existing Tenants:	<ul style="list-style-type: none"> <li>• North Ballarat Football Club</li> <li>• Ballarat Football League (Grand Final)</li> <li>• Western Bulldogs</li> <li>• Greater Western Victorian Rebels</li> <li>• Community events</li> </ul>
Nature of Use:	Community football competitions and training, along with other community events. Venue also hosts elite sporting competitions including AFL and AFLW football games
Approximate Size of Precinct:	c. 46,000sqm (Mars Stadium area) c. 137,000 sqm (entire precinct)
General Description of Facilities:	Mars Stadium is a regional stadium with a capacity for c.11,000 spectators. The site has a range of supporting infrastructure, including c.6,000 seats, videoboard, lights, concession outlets and a main pavilion, including changerooms (recently upgraded) and a social club (that includes a gaming venue) The broader precinct includes three additional ovals and the Ballarat Showgrounds



Source: Google Street View



Source: Google Earth



# ATHLETICS – MARS STADIUM, BALLARAT

## ASSESSMENT DETAIL – PRECINCT COMPARISONS

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### Mars Stadium

- Perimeter: c.860m
- Area: c.48,770sqm

### Entire precinct (including showgrounds and neighbouring oval)

- Perimeter: c.1,910m
- Area: c.141,320sqm

Source: Google Earth



Source: Google Earth

### Melbourne 2006 Commonwealth Games Venue: Melbourne Cricket Ground (athletics mode)

- Perimeter: c.1,080m
- Area: c.78,500sqm

### Entire precinct (including Yarra Park)

- Perimeter: c.2,670m
- Area: c.309,800sqm

Source: Google Earth



Source: Google Earth

### Gold Coast Commonwealth Games Venue: Carrara Stadium (athletics mode)

- Perimeter: c.780m
- Area: c.46,150sqm

### Entire precinct

- Perimeter: c.2,250m
- Area: c.154,600sqm

Source: Google Earth



Source: Gold Coast 2018 Commonwealth Games website

### **KEY POINT:**

***A compliant competition athletics track does not fit within the existing Mars Stadium field of play area. In order to fit, it is likely to require a track layout that does not align to the existing seating bowl, with the track extending outside the current oval footprint towards the showground precinct. Provided a track solution is possible and adequate seating capacity can be achieved, along with necessary overlay and access to the broader precinct, Mars Stadium has adequate space to host the Athletics program for the 2026 Games.***





Source: Google Earth and DHW Ludus analysis

*The oval dimensions of Mars Stadium will not allow for the installation of a compliant competition athletics track within the current perimeter of the oval (track width is 92.0m). To facilitate the installation of an athletics track, it likely require the demolition of existing infrastructure (grandstands) or the re-orientation of the track (meaning it does not align with the existing seating bowl).*

*The latter would require the removal of the grass berm at the southern end of the ground, the likely demolition of the concession outlet and the relocation of an existing the light pole (at a minimum). Temporary seating will also be required to meet spectator capacity requirements and this would extend into the showgrounds precinct.*

*Access to the broader precinct will be required for a warm-up track (neighbouring oval) and the necessary overlay for the Athletics program.*

**INDICATIVE DEVELOPMENT OPPORTUNITY:**

- 1. Upgrade to existing amenity**
- 2. Provision of broadcast standard lighting**
- 3. Upgrade to athletics track at Llanberris Athletics Reserve**



CGF / ISF REQUIREMENTS	FACILITY COMMENTARY	INDICATIVE IMPROVEMENT OPPORTUNITY
ISF competition track requires a 400m 'Standard Track' with a minimum of 8 oval and straight lanes for 100m and 110m hurdles. Also a requirement for water jump area for steeplechase	No athletics track at current facility	Install temporary track on Mars Stadium
ISF competition track in field and perimeter needs to cater for field sports including long jump and triple jump (with landing area at each end), high jump, pole vault, combined discuss and hammer throw, javelin throw and shot put	Current FoP is grass and should be adaptable to for field components of the Athletics program	Upgrade infield as required and install temporary field event apparatus and equipment
A videoboard (height 7.5m to 12.5m)	Existing videoboard, however likely to require upgrade to be suitable for event	Temporary or permanent
CGF Spectator capacity of 20,000- 40,000	Current venue has c.6,000 permanent seats and c.5,000 standing. Technical and design input is required to assess capability of venue (and surrounds) to achieve spectator capacity requirements	Temporary seating overlay
ISF requirement for a warm-up track, comprising a 400m 'Standard Track' with minimum 4 oval and 6 straight lanes (same surface to competition track), separate throwing field for discuss, hammer, javelin and 2 facilities for shot put	No adjacent warm-up track in precinct	Temporary track on adjacent oval (Frank Bourke Oval)
Ancillary rooms for athlete conditioning and physiotherapy (minimum 250sqm)	Some existing facilities, however would require an expanded footprint to meet full requirements of athlete services	Temporary overlay
Lighting (2,000 lux at finish line for Olympic Games and World Championships)	Currently 300 lux, would require upgrade	Temporary or permanent compliant lighting

Source: IAAF track and Field Facilities Manual  
Annex 3: 2026 Commonwealth Games Requirements



CGF / ISF REQUIREMENTS	FACILITY COMMENTARY	INDICATIVE IMPROVEMENT OPPORTUNITY
<b>Athlete Services:</b> A wide range of amenity for the Athletes, including, changerooms (up to 195sqm), lounge, call room, saunas etc	Some existing facilities including upgraded change facilities, however would require expanded footprint to meet full requirements of athlete services	Opportunity for some permanent works as a legacy for the community and other users Temporary overlay for remainder (and most)
<b>Officials &amp; Operations:</b> A wider range of amenity across officials, delegates, VIPs, volunteers, and competition management, including specific spaces, offices, etc	Some existing facilities, however would require expanded footprint to meet full requirement of officials and operations	
<b>Medical:</b> Dedicated spaces, including for doping control, first aid, etc	Minimal, unsuitable facilities	
<b>Broadcast &amp; Media:</b> Media centre, media lounge, mix zone, OB van, etc	Some existing facilities, however would require an expanded footprint to meet full requirement of broadcast and media	Temporary overlay
<b>Other:</b> Storage	Minimal, unsuitable facilities	

OTHER LIKELY REQUIREMENTS	FACILITY COMMENTARY	INDICATIVE IMPROVEMENT OPPORTUNITY
Transport hub for athletes, officials, etc	Access roads in place Likely need to use existing Mars Stadium carpark	Temporary overlay
Transport hub for spectators	Access roads in place Likely need to use Creswick Road parking area and Showgrounds for the event c. 2.6km from nearest train station (Ballarat) Would require car or bus access	Temporary overlay Potential opportunity to use Creswick Road and Showgrounds
Accreditation	No suitable facilities	Temporary overlay
Security	No suitable facilities	Temporary overlay

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POTENTIAL ISSUE	IMPLICATION
<p><b>Boundary:</b> Borders other sports facilities, showgrounds and industrial areas</p>	<p>Significant community displacement Site governance and access to precinct will require negotiation with parts of overall precinct overseen by the City of Ballarat, and others managed by Ballarat Agricultural and Pastoral Society</p>
<p><b>Disruption:</b> Multitude of community sport and recreational users, and AFL matches</p>	<p>Significant displacement given the proposed reconfiguration / redevelopment of the site (likely to be a long term project &gt; 6 months) AFL football and community displacement Need to find alternate facilities for displaced groups Potential claims for compensation</p>





**CGF / ISF REQUIREMENTS**

In addition to the warm-up track and throwing area, an additional 1 x 6-lane 400m track (including two horizontal jump pits) and 1 x throwing area (including a javelin run up surface, hammer cage and discus cage) is required. Preferably one of these should be located in close proximity to the competition venue / athlete village. It is preferable, though not mandatory, for these training facilities to have an identical track surface to the competition FoP.

**VENUE NAME: LLANBERRIS ATHLETICS RESERVE**

Address:	York Street Ballarat East
Geo Coordinates:	37.341187S; 143.515995E
Governance:	Owned by Ballarat City Council Ballarat Regional Athletics Centre Board manages venue
Proximity to Competition Venue:	4.8km
Field of Play Provision:	“IAAF approved athletics track,” consisting: 10 lanes on the front and back straight and nine circular lanes, four Long and Triple Jump pits, two Shot Put areas, two Discus throwing areas, two Javelin throwing areas, grass infield; four existing light towers
Amenity On-site:	Two grandstand areas; an office building; one other building (The Stuart Hunter building – amenity/function not specified)
Indicative Improvement Opportunities:	Re-surfacing of tracks to match competition venue



Source: Google Earth





# BADMINTON: GIPPSLAND REGIONAL INDOOR SPORTS STADIUM



### HIGHLIGHTS

Facility Fit For Program:	The Badminton program should fit into Gippsland Regional Indoor Sports Stadium (GRISS) precinct, noting the potential ceiling height issue to be verified (competition and training) and spectator seating limitations
Training Venues	Potential for some courts onsite. An alternate venue for training could Latrobe Leisure (Morwell)
General Compliance Rating	Does not comply <b><i>Assuming the roof height and lower capacity for pool games are acceptable to the CGF and / or ISF (and necessary overlay can be delivered), it is expected post works the venue would be able to host the program</i></b>

MAJOR ISSUES	REMEDIES	PERMANENT OR TEMPORARY OVERLAY
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Need to provide compliant competition courts with a minimum ceiling height requirement of 12.0m. Currently GRISS hall height is 11.28m to underside of structural beams	Place competition courts between structural beams to achieve required ceiling height clearance (to be verified)	Temporary court overlay and placed between structural beams (if possible)
Capacity of venue to deliver required court numbers to meet the sports program. Birmingham Commonwealth Games venue includes a show court, four competition / match courts and two separate warm-up courts for finals	Adopting the area per court being used at Birmingham Commonwealth Games up to six courts can be provided in the main court area at GRISS. Opportunity to increase court numbers by adopting a reduced per court area (still within ISF requirements and subject to placement between structural beams). Potential for competition court area to be converted to show court mode for finals with any requirement for finals warm-up courts would be met through remaining courts within the facility	Temporary overlay. May require the removal of permanent retractable seating
No specified warm-up court requirement as subject to sports program. Birmingham Commonwealth Games includes six warm-up courts	Warm-up courts to be provided on remaining basketball courts at GRISS, noting the ceiling height on these courts is c.9m. The appropriateness of this height requires confirmation compared to the 12m requirement for competition courts)	Temporary court overlay



MAJOR ISSUES	REMEDIES	PERMANENT OR TEMPORARY OVERLAY
The capacity of the venue to meet the specified CGF spectator capacity requirement of 2,500	Install temporary spectator seating for competition / match courts (c.1,200) for pool games, noting this will not achieve the minimum CGF spectator capacity requirements. Opportunity to modify for finals to use show court mode to achieve specified CGF specified capacity requirements	Temporary seating overlay
Need for compliant lighting (1,600 lux)	Current venue has 1,000 lux. Need to install compliant lighting	Combined Some opportunity for permanent amenity as a legacy for community sport
Need for climate control (airflow should not exceed 0.2 m/s) over the Field of Play	Ensure appropriate airlocks are in place and ventilation is sealed where required	Temporary overlay
Requirement for most amenity across Spectators, Athletes Services, Officials & Operations, Medical, Broadcast & Media, Transport, Accreditation, Security, etc	Install as required	Combined Some opportunity for permanent amenity as a legacy for community sport (such as changerooms)

CAPITAL WORKS	INDICATIVE ESTIMATE (\$M)
Permanent	[REDACTED]

\*: Incorporates minor upgrade works to improve lighting lux levels and improvement of amenity such as changerooms, etc. Assumes broader building compliance works are not triggered. Potentially at bottom end of cost range



### GENERAL INFORMATION

Venue Name:	Gippsland Regional Indoor Sports Stadium
Address:	Catterick Crescent, Traralgon, VIC, 3844
Geo Coordinates:	38.199258S; 146.516889E
Governance:	Latrobe City Council
Existing Tenants:	<ul style="list-style-type: none"> <li>Basketball Victoria (High Performance Hub)</li> <li>Traralgon Amateur Basketball Association</li> <li>Gippsland United Basketball</li> </ul>
Nature of Use:	Community and pathway sporting competitions (netball, basketball badminton and volleyball) with the ability to host games for national sporting competition games (court based) and events such as concerts, performances, etc
Approximate Size of Precinct:	Precinct Perimeter: c. 850m Precinct Area: c. 47,250sqm
General Description of Facilities:	GRISS is a regional indoor stadium with eight courts including a show court. The site has a range of supporting infrastructure, including changerooms, function rooms, administration facilities and café area



Source: Latrobe Valley Events Precinct website



Source: Google Earth





### Gippsland Regional Indoor Sports Stadium

- Perimeter: c.600m
- Area: c.20,600sqm

### Entire precinct (including oval)

- Perimeter: c.850m
- Area: c.47,250sqm

Source: Google Earth



Source: Google Earth

### Birmingham Commonwealth Games Venue: The NEC

- Perimeter: c.670m
- Area: c.26,000

### Entire precinct

- Perimeter: c.730
- Area: c.32,200
- Courts: 1 show court, 4 match courts 2 finals warm-up courts and 6 warm-up courts (training venue unknown)

Source: Google Earth



Source: Birmingham Mail website

### Carrara Sports and Leisure Centre

- Perimeter: c.600m
- Area: c.19,500sqm

### Entire precinct

- Perimeter: c.780m
- Area: c.34,450sqm
- Courts: 5 match courts (training venue unknown)

Source: Google Earth



Source: BWF Website

### **KEY POINT:**

**GRISS has the capacity to fit the Badminton program provided ceiling height of the facility is verified (and is compliant) and warm-up courts can adopt a 9m ceiling height. It will not be possible to achieve CGF required spectator numbers during the preliminary rounds, however opportunity exists to create a show court for finals to provide required numbers. Provided these issues can be addressed and accepted by the CGF and with the necessary overlay and access to the broader precinct, GRISS has adequate space to host the Badminton program for the 2026 Games.**





CGF / ISF REQUIREMENTS	FACILITY COMMENTARY	INDICATIVE IMPROVEMENT OPPORTUNITY
ISF competition courts require minimum clearance height of 12m above courts	Current hall height is 11.28m to underside of structural beams. Likely need to place courts between structural beams to achieve required clearance (if possible).	Install temporary court overlay
ISF specified court dimensions are 13.41m x 6.10m and with required runoff, the dimensions are 17.41m x 9.10m	Hall is 90.0m x 39.0, and will allow for required competition courts to be provided, however no show court (opportunity to convert for finals)	Temporary overlay
Specified CGF spectator capacity is 2,500	Install temporary spectator seating for preliminary rounds (likely to only have adequate space to install on one side .c 1200) and convert to show court mode for finals to achieve the minimum CGF spectator capacity requirements	Temporary seating (potential use of permanent of finals)
ISF specified compliant lighting requirement is 1,600 lux	Currently 1,000 lux. Need to install compliant lighting	Temporary or permanent compliant lighting
Climate control (airflow should not exceed 0.2 m/s over the FoP)	Unknown. Venue does have an airlock to the entry foyer, however no air lock to field of play area	Temporary overlay if required
Warm-up courts required (no specified high referenced)	Use of secondary halls and courts, subject to required ceiling height	Install temporary court overlay
Practice courts (4 courts) required with a specified minimum height of 9m	Potential for some onsite with some likely to be provided off site	Install temporary court overlay

Source: BWF Major Events Bid Document

BWF Statutes, Section 5.3.4: Specification for International Standard Facilities

Annex 3: 2026 Commonwealth Games Requirements



CGF / ISF REQUIREMENTS	FACILITY COMMENTARY	INDICATIVE IMPROVEMENT OPPORTUNITY
<b>Athlete Services:</b> A wide range of amenity for the Athletes, including team benches, changerooms, lounge, etc	The existing facilities including change facilities / locker areas and support amenity, however would require an expanded footprint to meet full requirements of athlete services	Opportunity for some permanent works as a legacy for community sport Temporary overlay for remainder (and most)
<b>Officials &amp; Operations:</b> A wider range of amenity across officials, delegates, VIPs, volunteers, and competition management, including specific spaces, offices, etc	Minimal, would require an expanded footprint to meet full requirement of officials and operations	
<b>Medical:</b> Dedicated spaces, including for doping control, first aid, etc	Minimal, unsuitable facilities	
<b>Broadcast &amp; Media:</b> Media centre, media lounge, etc	Minimal, unsuitable facilities	Temporary overlay
<b>Other:</b> Storage, scoreboard	Minimal, unsuitable facilities	

OTHER LIKELY REQUIREMENTS	FACILITY COMMENTARY	INDICATIVE IMPROVEMENT OPPORTUNITY
Transport hub for athletes, officials, etc	Access roads in place Likely use of Catterick Cres car park as drop off point	Temporary overlay
Transport hub for spectators	Access roads in place Likely need to use of front car park off Garabaldi Street c. 2.0km from nearest train station (Traralgon) Would require car or bus access	Temporary overlay Potential opportunity to use Catterick Cres as drop off point access precinct via adjacent oval
Accreditation	No suitable facilities	Temporary overlay
Security	No suitable facilities	



POTENTIAL ISSUE	IMPLICATION
<b>Boundary:</b> Borders other sports facilities	Potential community displacement
<b>Disruption:</b> Multitude of community sport and recreational users	Community sport displacement Need to find alternate facilities for displaced groups Potential claims for compensation



**CGF / ISF REQUIREMENTS**

In addition to the competition and warm-up courts, 4 additional training courts are required with preference to be co-located with the competition venue, but this is not essential

**VENUE NAME: LATROBE LEISURE MORWELL**

Address:	45 McDonald Street, Morwell
Geo Coordinates:	38.135972S; 146.241861E
Governance:	Latrobe City Council
Proximity to Competition Venue:	11.9km
Field of Play Provision:	Three multi purpose indoor courts (basketball size), wooden flooring with multi-sport line markings; mezzanine ‘boardwalk’ viewing platform; exact dimensions, unobstructed clearance height and run-off not specified
Amenity On-site:	Gymnasium; eight lane 25m indoor public pool; spa and sauna; car parking
Indicative Improvement Opportunities:	Unknown







# BASKETBALL – 3X3: BENDIGO STADIUM

# BASKETBALL 3X3 – BENDIGO STADIUM

## ISSUES AND RECOMMENDATIONS

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HIGHLIGHTS	
Facility Fit For Program:	The Basketball 3x3 program should fit into the Bendigo Stadium precinct using a combination of the outdoor netball courts, carparks and other available space. It could be a reasonably 'tight fit' where the 3x3 program crosses over in terms of scheduling with the Netball (Traditional and Fast 5) program and will require site to be master planned
General Compliance Rating	Does not comply <b><i>Assuming the delivery of the necessary overlay at the facility is feasible, it is expected post works the venue would be compliant</i></b>

MAJOR ISSUES	REMEDIES	PERMANENT OR TEMPORARY OVERLAY
Capacity of site to fit event requirements for both 3x3 Basketball program and Netball program	Master plan site accounting for both Games mode and post Games mode	N/a
No compliant courts (including a Show Court) at the venue	Show Court capacity of at least 2,500 in line with CGF expectations At least two training courts would also need to be installed	Combined. Potentially an opportunity to create permanent 3x3 basketball courts at Bendigo Stadium (presently they are installed using temporary floors for such tournaments)
Requirement for most amenity across Spectators, Athletes Services, Officials & Operations, Medical, Broadcast & Media, Transport, Accreditation, Security, etc	Install as required, especially temporary spectator amenity such as seating.	Temporary overlay (note it is assumed the Basketball 3x3 program will be able to leverage much of the back-of-house overlay that would be needed for the Netball (Traditional and Fast 5) program (which is assumed to be hosted indoors at the Stadium))

CAPITAL WORKS	INDICATIVE ESTIMATE (\$M)
Permanent	See Netball*

\*: Development of show court and warm-up court (potentially as overlay), however opportunity for community legacy with installation of permanent courts. Regardless of final sport mix at the venue, proposed funding allocated to venue for Netball (Traditional) is assumed to cover capital works for alternative sport options such as Basketball 3x3

# BASKETBALL 3X3 – BENDIGO STADIUM

## ASSESSMENT DETAIL – GENERAL INFORMATION

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### GENERAL INFORMATION

Venue Name:	Bendigo Stadium
Address:	91 Inglis Street, West Bendigo, VIC, 3550
Geo Coordinates:	36.759270S; 144.248200E
Governance:	City of Greater Bendigo
Existing Tenants:	<ul style="list-style-type: none"> <li>• Bendigo Braves (NBL1 South)</li> <li>• Bendigo Spirit (WNBL)</li> <li>• Golden City Netball Association</li> <li>• Bendigo Volleyball Association</li> </ul>
Nature of Use:	Community and pathway sporting competitions with the ability to host games for national and international sporting competition games (court based) and events such as boxing, concerts, performances, etc
Approximate Size of Precinct:	<p>Precinct Perimeter: c. 1,400m</p> <p>Precinct Area: c. 86,600sqm</p>
General Description of Facilities:	<p>Bendigo Stadium is a regional indoor venue with 10 indoor courts including a show court with a seating capacity of 4,000 and 12 outdoor netball courts. The site has a range of supporting infrastructure, including changerooms, function rooms, café area and significant carparking areas</p>



Source: Bendigo Stadium website



Source: Google Earth



# BASKETBALL 3X3 – BENDIGO STADIUM

## ASSESSMENT DETAIL – PRECINCT COMPARISONS

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### Bendigo Stadium

- Precinct Area: c.54,000sqm
- No existing 3x3 courts

Source: Google Earth



Source: Google Earth

### Tokyo Olympic Games Venue: Aomi Urban Sports Park (Pop Up)

- FoP and Seating Area: c.6,500sqm
- Precinct Area: c.15,000sqm
- 1 show court (including 7,100 seats) and 2 warm-up courts

Source: Google Earth



Source: ABC Website



Source: Google Earth

### Birmingham Commonwealth Games Venue: Smithfield (Pop Up)

- FoP and Seating Area: c.3,500sqm
- Precinct Area: c.10,500sqm
- 1 show court (including 2,500 seats) and 2 warm-up courts

Source: Google Earth



Source: Inside the Games Website

#### **KEY POINT:**

***Bendigo Stadium, with the necessary overlay and access to the broader precinct, has adequate space to host the 3x3 Basketball for the 2026 Games.***



# BASKETBALL 3X3 – BENDIGO STADIUM

## ASSESSMENT DETAIL – PRECINCT CONFIGURATION

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Source: Google Earth and DHW Ludus Analysis

*While the external areas of Bendigo Stadium appear to have adequate space to host the 3 x 3 Basketball program for the 2026 Games, the FoP play and spectator amenity will need to be installed for the event.*

*The diagram to the left demonstrates possible sites (c.4,000sqm) for the provision of a show court area (FoP and seating) for the event (noting Birmingham Commonwealth Games show court area is c.3,500sqm) and sites for the development of permanent 3 x 3 courts post the Games period as a legacy opportunity.*

*Locating the 3 x 3 Basketball program at Bendigo Stadium provides an opportunity for temporary overlay efficiencies through the co-location with the Netball (Traditional and Fast 5) program.*

*Any overflow space needs could then be accessed using the entire precinct if required.*

### **INDICATIVE DEVELOPMENT OPPORTUNITY:**

- 1. Permanent 3 x 3 courts post Games period as a legacy for the community**

# BASKETBALL 3X3 – BENDIGO STADIUM

## ASSESSMENT DETAIL – FIELD OF PLAY, OTHER AMENITY AND MATTERS

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CGF / ISF REQUIREMENTS	FACILITY COMMENTARY	INDICATIVE IMPROVEMENT OPPORTUNITY
Specified CGF requirement for 1 competition court and 2 training courts ISF required court dimensions (competition and training courts) are 15.0m x 11.0m plus 2.05m runoff on baseline, 1.5m on short sides and 1.0m for the long side opposite	No courts onsite. Temporary show court and training courts will be required. Precinct has space for temporary facility and possible permanent 3x3 courts post games	Install temporary court overlay. Possible opportunity to provide permanent 3 x 3 courts post Games
ISF approved 3x3 flooring for court when playing outdoors	No courts onsite. Install temporary approved floor	
ISF minimum ceiling height of 7.0m	Any temporary roof structure would need to meet ceiling height requirements	Temporary overlay
Specified CGF spectator capacity is 2,500	Install temporary seats. Precinct has space for temporary overlay	
ISF compliant lighting for competition court is 1,200 lux	Temporary broadcast lighting would need to be installed	

Source: FIBA 3 x 3 Basketball rules (full version)  
FIBA 3 x 3 equipment and software appendix  
Annex 3: 2026 Commonwealth Games Requirements

# BASKETBALL 3X3 – BENDIGO STADIUM

## ASSESSMENT DETAIL – FIELD OF PLAY, OTHER AMENITY AND MATTERS (CONT)

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CGF / ISF REQUIREMENTS	FACILITY COMMENTARY	INDICATIVE IMPROVEMENT OPPORTUNITY
<p><b>Athlete Services:</b> A wide range of amenity for the Athletes, including team benches, changerooms, lounge, etc</p> <p><b>Officials &amp; Operations:</b> A wider range of amenity across officials, delegates, VIPs, volunteers, and competition management, including specific spaces, offices, etc</p> <p><b>Medical:</b> Dedicated spaces, including for doping control, first aid, etc</p> <p><b>Broadcast &amp; Media:</b> Media centre, media lounge, etc</p> <p><b>Other:</b> Storage, scoreboard</p>	<p>Minimal external amenity. Assumed to be temporary overlay. Opportunity for temporary overlay efficiencies across the precinct through shared facilities with Netball (Traditional and Fast 5) program.</p>	<p>Temporary overlay</p>

OTHER LIKELY REQUIREMENTS	FACILITY COMMENTARY	INDICATIVE IMPROVEMENT OPPORTUNITY
<p>Transport hub for athletes, officials, etc</p>	<p>Access roads in place Likely use of car park off Inglis Street or via entrance of Marong Road as drop off point</p>	<p>Temporary overlay</p>
<p>Transport hub for spectators</p>	<p>Access roads in place Likely need to use of front car park off Inglis Street. c. 4.0km from nearest train station (Bendigo or Kangaroo Flat) Would require car or bus access.</p>	<p>Temporary overlay Potential opportunity to use Inglis Street Car park as drop off point</p>
<p>Accreditation</p>	<p>No suitable facilities</p>	<p>Temporary overlay</p>
<p>Security</p>	<p>No suitable facilities</p>	<p>Temporary overlay</p>

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POTENTIAL ISSUE	IMPLICATION
<b>Boundary:</b> Borders residential area	May cause disruption to adjacent residential area
<b>Disruption:</b> Multitude of community sport and recreational users	Community sport displacement Need to find alternate facilities for displaced groups Potential claims for compensation

**TRAINING VENUES NOTE:**  
*It is assumed that practice and warm-up facilities for the 3x3 Basketball program at the 2026 Games can be accommodated on-site at the Bendigo Stadium precinct using temporary overlay and potentially permanent courts.*





# BOXING: BALLARAT SPORTS AND EVENTS CENTRE

# BOXING – BALLARAT SPORTS AND EVENTS CENTRE

## ISSUES AND RECOMMENDATIONS

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### HIGHLIGHTS

Facility Fit For Program:	The Boxing program in its entirety (including training) is likely to fit into the Ballarat Sports and Events Centre (with any overflow able to be accommodated in precinct)
General Compliance Rating	Does not comply <b><i>Assuming the delivery of the necessary overlay at the facility is feasible, it is expected post works the venue would be compliant</i></b>

MAJOR ISSUES	REMEDIES	PERMANENT OR TEMPORARY OVERLAY
Requirement for most amenity across Spectators (2,500), Athletes Services, Officials & Operations, Medical, Broadcast & Media, Transport, Accreditation, Security, etc	Install as required Note retractable and permanent seating of 3,000 is available in the Show Court	Combined. Some opportunity for permanent amenity as a legacy for community sport (such as changerooms)
Solution to create a training facility, and warm-up space for the Boxing program	Utilising secondary basketball halls	Temporary overlay
Fitting the FoP into the Show Court	International regulations require a space of 20m x 20m for the FoP. It is believed this can fit (although might be tight)	Temporary overlay
Non-compliant lighting	Current lighting lux levels are unknown. May require upgrade	Combined (could include some permanent improvements to lighting)

CAPITAL WORKS	INDICATIVE ESTIMATE (\$M)
Permanent	[REDACTED]

\*: Incorporates allowance for minor upgrades to facilities for community legacy including changerooms, technology enhancements, and upgraded light lux levels. Assumes works don't trigger building compliance needs. Potentially at lower end of cost range



# BOXING – BALLARAT SPORTS AND EVENTS CENTRE

## ASSESSMENT DETAIL – GENERAL INFORMATION

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### GENERAL INFORMATION

Venue Name:	Ballarat Sports and Events Centre
Address:	989 Norman Street, Wendouree, VIC ,3355
Geo Coordinates:	37.35096S, 143.843581E
Governance:	City of Ballarat
Existing Tenants:	Basketball Volleyball Netball Also used for national sporting competition games
Nature of Use:	Community and pathway sporting competitions with the ability to host games for national competitions
Approximate Size of Precinct:	Perimeter: c. 790m Area: c. 34,000sqm
General Description of Facilities:	Ballarat Sports and Events Centre is a regional indoor venue with three basketball 'halls' comprising 8 courts including show court with a seating capacity of 3,000. The site has a range of supporting infrastructure, including change rooms, foyer, café area and significant car parking



Source: Austadiums website



Source: Google Earth

# BOXING – BALLARAT SPORTS AND EVENTS CENTRE

## ASSESSMENT DETAIL – PRECINCT COMPARISONS

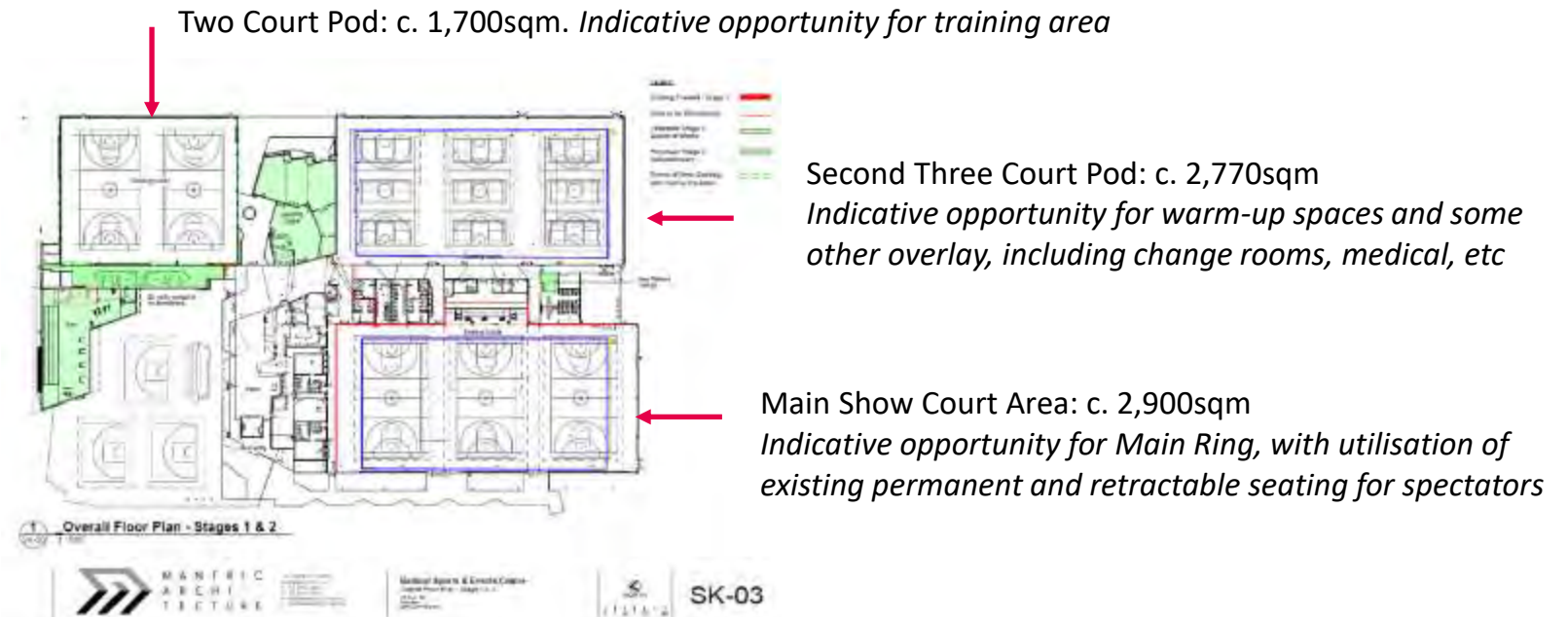
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### Ballarat Sports and Events Centre

- Perimeter: c.790m
- Area: c. 34,000sqm

Source: Google Earth



Source: Floor plans for the Ballarat Sports and Events Centre, State Government of Victoria

### **KEY POINT:**

***Based on international regulations for major Boxing tournaments (see over the page for a summary), and a review of the block plans for the Boxing facility for the 2022 Commonwealth Games, much of competition requirements comprising the Boxing program for the 2026 Games is likely to fit within the confines of the Ballarat Sports and Events Centre. Much of the support services potentially could also be accommodated. Regardless, the overall spatial needs could be accommodated if overflow is required across the entire precinct.***



# BOXING – BALLARAT SPORTS AND EVENTS CENTRE

## ASSESSMENT DETAIL – FIELD OF PLAY

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CGF / ISF REQUIREMENTS	FACILITY COMMENTARY	INDICATIVE IMPROVEMENT OPPORTUNITY
Assuming one boxing ring configuration, a FoP space of approximately 20m x 20m (including the ring, judge seating, etc) (ISF)	Yes, although there may have to be some slight alteration to the actual dimensions of the FoP to fit it into the space between the retractable seats in the Show Court hall	There is an opportunity to undertake some upgrade works to the BSEC (such as to changerooms and technology (such as scoreboards / cubes), although it is thought requirements, where not able to be met through existing amenity, it could be provided by temporarily converting existing indoor spaces, or by providing temporary overlay outside of the facility in surrounding space (but within the ownership line)
Locker rooms x 2 (minimum of 35sqm each) (ISF)	The venue has at least two sets of change rooms however their specific size is difficult to ascertain	
Warm-up area of 150sqm (in proximity to FoP) (ISF)	The facility has three halls of basketball courts. One of the two secondary halls (the three court pod – c.2,770sqm) could be used to set up a warm-up area of the dimensions specified by the ISF. This area could be partitioned to allow for other back of house spaces such as change rooms, doping control, medical, etc.	
Medical room of minimum 25sqm (ISF)	See above	
Anti-doping rooms (x2) of minimum 35sqm each (ISF)		
Equipment room of minimum 25sqm (ISF)		
Referees and Judges Lounge of 75sqm (ISF)		
ITO Lounge of 35sqm (ISF)		
VVIP Lounge (ISF)		
Press centre of minimum 50sqm (ISF)		
Press conference room to seat at least 25 (ISF)		
Mixed zone with access for accredited journalists (ISF)	Unknown. May need to install compliant lighting	
Protest room to seat at least 6 persons (ISF)		
Lighting of minimum 1,800 Lux (ISF)		Combined. Temporary and/or permanent compliant lighting

Source: AIBA Event Operational Manual  
Annex 3: 2026 Commonwealth Games Requirements

# BOXING – BALLARAT SPORTS AND EVENTS CENTRE

## ASSESSMENT DETAIL – OTHER AMENITY AND MATTERS

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CGF / ISF REQUIREMENTS	FACILITY COMMENTARY	INDICATIVE IMPROVEMENT OPPORTUNITY
Spectator capacity of 2,500 (CGF)	The facility has permanent and retractable seating for up to 3,000 spectators	N/a
<b>Athlete Services:</b> As described on prior page (ISF)	Some facilities. Seems that requisite space is available for temporary overlay where existing amenity is unsuitable	There is an opportunity to undertake some upgrade works to the BSEC (such as to changerooms and technology (such as scoreboards / cubes), although it is thought requirements, where not able to be met through existing amenity, could be provided by temporarily converting existing indoor spaces, or by providing temporary overlay outside of the facility in surrounding space (but within the ownership line)
<b>Officials &amp; Operations:</b> As described on prior page (ISF)		
<b>Medical:</b> As described on prior page (ISF)		
<b>Broadcast &amp; Media:</b> As described on prior page as well as a broadcast compound (ISF)		
<b>Other:</b> Storage, scoreboard (ISF)	Minimal, unsuitable facilities	
	As for Athlete Services, et al	

OTHER LIKELY REQUIREMENTS	FACILITY COMMENTARY	INDICATIVE IMPROVEMENT OPPORTUNITY
Transport hub for athletes, officials, etc	Access roads in place Likely use of car park off Dowling Street as drop off point	Temporary overlay. Potential opportunity to use existing car parking on wider precinct
Transport hub for spectators	Access roads in place Likely need to use of front car park off Norman Street or an alternative transport hub servicing the precinct (Mar Stadium). c. 2.8km from nearest train station (Wendouree) Would require car or bus access.	Temporary overlay. Potential opportunity to use existing car parking on wider precinct
Accreditation	No suitable facilities	Temporary overlay
Security	No suitable facilities Size of precinct should ensure this is solvable	Temporary overlay

POTENTIAL ISSUE	IMPLICATION
<b>Boundary:</b> Doesn't appear to have significant boundary issues	N/a
<b>Disruption:</b> Multitude of community sport and recreational users	Some displacement (with need to access precinct for overlay build). Need to find alternate facilities for displaced groups. Potential claims for compensation



### **CGF / ISF REQUIREMENTS FOR A TRAINING VENUE**

A minimum of 1 training venue is required. It is preferable for this to be located within or in close proximity to the Competition venue. The training space should include as a minimum:

- 4 boxing rings - each ring forms the core of a training station including a frame and matted area with the following:
  - 2-3 x different punch bags
  - 20 sqm for shadow boxing
  - 20 sqm for skipping

#### **TRAINING VENUES NOTE:**

*It is assumed that a training facility for the Boxing program would comprise four stations (as described above) at approximately 400sqm for each. As such, it is suggested the training venue could either be temporarily installed in the third smaller basketball hall (two court pod) which is approximately 1,670sqm, or use temporary overlay to create the space for the required amenity outside the building. The precinct has adequate space for that purpose.*



CRICKET:  
GMHBA STADIUM, TED SUMMERTON RESERVE,  
EASTERN OVAL AND QUEEN ELIZABETH OVAL



# CRICKET – GMHBA STADIUM, GEELONG (AND NOW, OTHERS)

## ISSUES AND RECOMMENDATIONS

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HIGHLIGHTS	
Facility Fit For Program:	The Cricket program WILL NOT fit solely in GMHBA Stadium, Geelong. Other venues will be required. The three suggested are Ted Summerton Reserve (Moe), Eastern Oval (Ballarat) and Queen Elizabeth Oval (Bendigo). All will require approval from the ICC to be part of the Cricket program
Training Venues:	Availability of compliant full sized alternate venues in proximity to the three regional venues (excluding GMHBA Stadium) could present an issue for the State. Lack of turf net facilities at Queen Elizabeth Oval (or seemingly, turf nets in reasonable proximity), and indoor facilities at Bendigo and Ballarat could also present issues. Further analysis may have to be undertaken once discussions are had with the CGF and the ICC
General Compliance Rating:	GMHBA Stadium, at this point, could comply as a venue for the 2026 Games, but as it is the centre-piece for an international tournament, this will require confirmation from the ICC (it was approved as a venue for the delayed T20 World Cup). The other three regional venues are unlikely to be compliant and will require approval from the ICC to host international cricket <b><i>Assuming the delivery of the necessary overlay at the facilities is feasible, it is expected post works all venues <u>could be compliant</u> (assuming the venues gain the approval of the CGF and / or ISF (noting potential issues for venues other than GMHBA with capacity, training facilities and alternate training venues))</i></b>

CAPITAL WORKS	INDICATIVE ESTIMATE (\$M)
Permanent	[REDACTED]

\*: Incorporates refurbishment of the facilities (excluding GMHBA Stadium), improvement of amenity such as changerooms and lighting, development of turf nets for the Bendigo facility and development of indoor training facilities at Ballarat and Bendigo. Assumes the venues are structurally sound and any capital works on the buildings do not trigger major compliance issues. Potentially at lower end of the cost range.

**NOTE:**  
***See over page for infrastructure opportunities across GMHBA Stadium, Ted Summerton Reserve (Moe), Eastern Oval (Ballarat) and Queen Elizabeth Oval (Bendigo)***

# CRICKET – GMHBA STADIUM, GEELONG (AND NOW, OTHERS)

## ISSUES AND RECOMMENDATIONS (CONT)

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MAJOR ISSUES	REMEDIES	PERMANENT OR TEMPORARY OVERLAY
<b>GMHBA Stadium</b>		
Requirement for event overlay to support the staging of the Cricket program at the venue	Site masterplan, including consideration of efficiencies with other Games venues being located within Kardinia Park (Closing Ceremony, Gymnastics and Aquatics)	Temporary overlay
Transition between the Cricket program and the Closing Ceremony	Programming to allow for venue 'readiness'	N/a
Site governance and access with parts of Kardinia Park overseen by the Kardinia Park Stadium Trust, and others under Committee of Management by the City of Greater Geelong	Commence negotiations between the State Government and Local Government	N/a
<b>Ted Summerton Reserve</b>		
Requirement for most amenity across Spectators (to ideally get to a capacity of 10,000), Athletes Services, Officials & Operations, Medical, Broadcast & Media, Transport, Accreditation, Security, etc	Install as required	Combined Some opportunity for permanent amenity as a legacy for community sport (such as changerooms and club rooms)
Potential need for compliant lighting	Install compliant lighting if required (will depend on match scheduling)	Combined. Some opportunity for permanent amenity as a legacy for community sport
No alternate full sized oval with compliant facilities	Upgrade of an oval in proximity if required	Permanent (if required)

# CRICKET – GMHBA STADIUM, GEELONG (AND NOW, OTHERS)

## ISSUES AND RECOMMENDATIONS (CONT)

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MAJOR ISSUES	REMEDIES	PERMANENT OR TEMPORARY OVERLAY
<b>Eastern Oval</b>		
Requirement for most amenity across Spectators (to ideally get to a capacity of 10,000), Athletes Services, Officials & Operations, Medical, Broadcast & Media, Transport, Accreditation, Security, etc	Install as required	Combined Some opportunity for permanent amenity as a legacy for community sport (such as changerooms and club rooms)
Potential need for compliant lighting	Install compliant lighting if required (will depend on match scheduling)	Combined. Some opportunity for permanent amenity as a legacy for community sport
No indoor training facility	Develop facility if required (in proximity to the venue)	Could be temporary or permanent (if required)
No alternate full sized oval with compliant facilities	Upgrade of an oval in proximity if required	Permanent (if required)
<b>Queen Elizabeth Oval</b>		
Requirement for most amenity across Spectators (to ideally get to a capacity of 10,000), Athletes Services, Officials & Operations, Medical, Broadcast & Media, Transport, Accreditation, Security, etc	Install as required	Combined Some opportunity for permanent amenity as a legacy for community sport (such as changerooms and club rooms)
Appropriate training amenity on-site (including a compliant indoor training facility)	Develop and install (in proximity to the venue)	Permanent (for turf nets) Potentially could use centre at Catherine McAulay College if indoor facilities are required
Potential need for compliant lighting	Install compliant lighting if required (will depend on match scheduling)	Combined. Some opportunity for permanent amenity as a legacy for community sport
No alternate full sized oval with compliant facilities	Upgrade of an oval in proximity if required	Permanent (if required)

# CRICKET – GMHBA STADIUM, GEELONG

## ASSESSMENT DETAIL – GENERAL INFORMATION

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GENERAL INFORMATION	
Venue Name:	GMHBA Stadium
Address:	La Trobe Terrace, Geelong VIC 3220
Geo Coordinates:	38.092879S; 144.211682E
Governance:	Kardinia Park Trust (State Government) Parts of Kardinia Park managed by City of Greater Geelong (under Committee of Management)
Existing Tenants:	Geelong Cats (AFL and AFLW); ad-hoc A-League games; ad-hoc BBL and WBBL games
Nature of Use:	Mostly professional sporting competitions; home of Geelong Cats (AFL and AFLW) for games and training; ad hoc community use
Approximate Size of Precinct:	c. 55,000 sqm (GMHBA Stadium) c. 90,800 sqm (GMHBA Stadium plus second cricket ground and training area) c. 197,700 sqm (Kardinia Park (ex Kardinia Aquatic Centre))
General Description of Facilities:	Stadium has present capacity of 36,000 (to increase to 40,000 upon completion of current capital works); with a range of Athlete and Administrative amenity, including recovery and gymnasium. GMHBA, in cricket mode has a pitch square of only two 'drop-in' pitches due to the size of the playing surface making the square boundaries 'short' in terms of international cricket standards It also has an adjacent cricket oval and training area (with an indoor centre to be developed as part of current works), with wider parkland containing netball courts and, a community oval



Source: International Cricket Council



Source: Google Earth



# CRICKET – GMHBA STADIUM, GEELONG

## ASSESSMENT DETAIL – PRECINCT COMPARISONS

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### GMHBA plus Cricket Training Facilities

- Perimeter: c. 1,274m
- Area: c. 90,756sqm

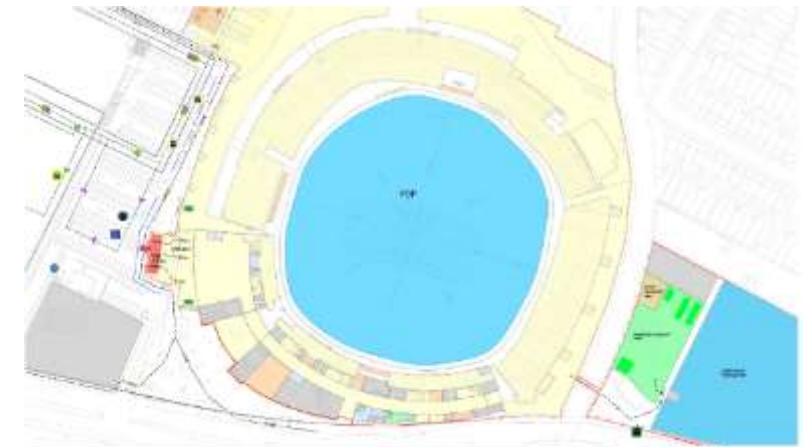


Source: Google Earth

### **INSIGHT:**

***GMHBA Stadium is the nominated venue for the 2026 Games Cricket program. This is anticipated to be at least an eight team tournament for both Men's and Women's formats. The Birmingham Games had only an eight team Women's tournament, and the Edgbaston pitch square is substantially larger than the two 'drop-in' pitches available at GMHBA Stadium. As such, it is unlikely the 2026 Games Cricket program can solely be staged at GMHBA Stadium (assuming approval from the ICC). This has been confirmed by MI Associates with its analysis of the proposed 2026 Games' program***

### Edgbaston (venue for the 2022 Birmingham Commonwealth Games)



Source: Visit Victoria

### **KEY POINT:**

***GMHBA Stadium is an approved venue for the delayed 2020 T20 World Cup (now to be staged in Australia in 2022). Assuming ongoing approval (and promised conditions delivered), GMHBA Stadium can be a Cricket venue for the 2026 Games. However, other facilities will be required to stage the entire Cricket program***



Source: International Cricket Council



**KEY POINT:**  
 CGF has an expectation that Cricket venues will have a capacity for 10,000 to 20,000 for the Men’s and Women’s tournaments. Other than for Training, there aren’t published specifications for venues for Cricket at the Commonwealth Games. The ICC has a tiering system for venues, with Tier 1 required for international Men’s matches, and it is understood Tier 2 is sufficient for international Women’s matches. Although it is also understood the ICC would seek to sanction any venue used for an international Cricket tournament such as that proposed for the 2026 Games (and that could allow for negotiation between Games’ organisers and, the CGF and the ICC).

- GMHBA Stadium:**
- An approved venue for the delayed 2020 T20 World Cup (now to be staged in Australia in 2022)
  - The site has a Training Centre under development that will enhance the amenity available to support the delivery of the Cricket program
  - GMHBA Stadium has an adjacent full-sized field that can also be used for training and warm-up purposes
  - GMHBA Stadium’s capacity of 36,000 (growing to 40,000 after current works) meets CGF expectations
  - Regardless of the above, GMHBA Stadium is likely to need approval from the ICC to host matches at the 2026 Games

OTHER LIKELY REQUIREMENTS	FACILITY COMMENTARY	INDICATIVE IMPROVEMENT OPPORTUNITY
<p><b>Athlete Services:</b> A wide range of amenity for the Athletes and their support persons, including lounges and changerooms; catering areas, etc</p> <p><b>Officials &amp; Operations:</b> A wide range of amenity across officials, delegates, VIPs, volunteers, and competition management, and accreditation, including specific spaces, offices, etc</p> <p><b>Medical:</b> Dedicated spaces, including medical area; massage and physiotherapy area; doping control area, etc</p> <p><b>Broadcast &amp; Media:</b> Dedicated spaces, media centre; press conference room; broadcast compound; mixed zone in proximity to FoP</p> <p><b>Other:</b> Storage, spectator amenity, broadcast standard lights (for night games)</p>	<p>GMHBA Stadium has existing amenity to stage Cricket at the 2026 Games. There may some requirement for some temporary overlay, depending on agreed requirements with the CGF and / or ICC</p>	<p>Use of existing amenity with potentially some temporary overlay</p>

# CRICKET – GMHBA STADIUM, GEELONG

## ASSESSMENT DETAIL – OTHER AMENITY AND MATTERS (CONT)

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OTHER LIKELY REQUIREMENTS	FACILITY COMMENTARY	INDICATIVE IMPROVEMENT OPPORTUNITY
Transport hub for athletes, officials, etc	GMHBA Stadium and the surrounding precinct will be able to accommodate transport for participants and spectators (with public transport in close proximity (including South Geelong Railway Station, (0.7km))	N/a
Transport hub for spectators		
Accreditation	GMHBA Stadium is likely to be able accommodate an accreditation function within existing amenity	Temporary overlay (if required)
Security	There is likely to be a requirement to create a secure zone around the venue Size and location of precinct should ensure this is solvable	Temporary overlay

POTENTIAL ISSUE	IMPLICATION
<b>Boundary:</b> Some residences and businesses in proximity. Issue with multi-layered governance of Kardinia Park	Given the size of the wider park precinct and regularity of events staged, it unlikely there will be boundary issues for private residences and businesses However, the complex governance arrangements, with the City of Greater Geelong managing parts of the park precinct, will require resolution
<b>Disruption:</b> Multitude of community sport and recreational users, as well as potentially AFL / AFLW depending on the timing of the Games	Significant community displacement Need to find alternate facilities for displaced groups Potential claims for compensation

### **TRAINING FACILITIES:**

*It is thought that GMHBA Stadium has adequate training facilities on-site (especially with the development of the new training complex due for completion well before the 2026 Games). An assessment of potential alternate facilities in proximity to GMHBA Stadium indicates that the organisers would be in a good position to argue compliance in relation to training amenity. However further analysis may have to be undertaken once discussions are had with the CGF and / or ICC*



**CGF / ISF REQUIREMENTS**

Two separate training facilities are required for an eight team tournament. Each venue should include sufficient batting nets to provide three batting nets for each training session during the entire training period. The total number required will be dependent on the volume of training and pitch rotation plan for the venue. The pitches for the batting nets should be the same type of surface as the competition venue i.e. turf or hybrid. Each venue should also have an appropriately sized grass outfield for fielding training. In addition, an indoor training facility is required in case of adverse weather, with a minimum of six lanes.

**VENUE NAME: THE GEELONG COLLEGE – SENIOR SCHOOL**

Address:	20 Talbot St, Newtown
Geo Coordinates:	38.090389S; 144.195234E
Governance:	Independent school
Proximity to Competition Venue:	1.9km
Field of Play Provision:	Turf net block comprising over 20 turf practice wickets (not full length) on outfield of Mackie Oval. Turf centre wicket blocks on both Mackie and Main Ovals
Amenity On-site:	School campus; other relevant facilities on-site include Swimming pool; proximity of toilets/ changerooms to cricket training facilities not specified
Indicative Improvement Opportunities:	Potential requirement to extend length of practice wickets and ensure net structure is compliant



Source: Google Earth





**VENUE NAME: GEELONG GRAMMAR SCHOOL**

Address:	50 Biddicombe Avenue, Corio
Geo Coordinates:	38.041270S; 144.235574E
Governance:	Independent school
Proximity to Competition Venue:	12.6km
Field of Play Provision:	Turf net block comprising over 10 turf practice wickets (not full length) set off Main Oval (with bowling run-ups/ crease on outfield); turf centre wicket blocks on Main, Perry, Baths and Chapel Ovals; three separate synthetic training net blocks located approximately 300m and 500m respectively from turf nets
Amenity On-site:	School campus; other relevant facilities on-site include Handbury Centre for Wellbeing which includes an indoor pool, fitness centre and sports hall; proximity of toilets/ changerooms to cricket training facilities not specified
Indicative Improvement Opportunities:	Potential requirement to extend length of practice wickets and ensure net structure is compliant



Source: Google Earth



**VENUE NAME: ST JOSEPH'S COLLEGE GEELONG**

Address:	Aphrasia Street, Newtown
Geo Coordinates:	38.090389S; 144.195234E
Governance:	Independent School
Proximity to Competition Venue:	2.7km
Field of Play Provision:	Turf net block comprising approximately six turf practice wickets (not full length) with two adjacent synthetic practice wickets set off Zampatti Oval (with bowling run-ups/ crease on outfield). Turf centre wicket block on Zampatti Oval. Three additional grassed playing fields on site. Separate synthetic training net block located approximately 300m from turf nets
Amenity On-site:	School campus. Cricket pavilion located approximately 90m from turf training nets. Other relevant facilities on-site include gymnasium/ fitness centre
Indicative Improvement Opportunities:	Potential requirement to extend length of practice wickets and ensure net structure is compliant



Source: Google Earth



**VENUE NAME: WINTER RESERVE**

Address:	44 Kidman Avenue, Belmont
Geo Coordinates:	38.110429S; 144.202235E
Governance:	City of Greater Geelong
Proximity to Competition Venue:	4.6km
Field of Play Provision:	Turf net block comprising approximately six to seven full length turf practice wickets set off set off the main oval (with bowling run-ups/ crease on outfield); four full length synthetic wickets adjacent to the turf net block; the main oval has a turf centre wicket block while an adjacent second oval has a synthetic wicket
Amenity On-site:	Belmont Lions Sports Club pavilion; minimal parking
Indicative Improvement Opportunities:	Ensure net structures are compliant. Potential works to enable bus access/ parking



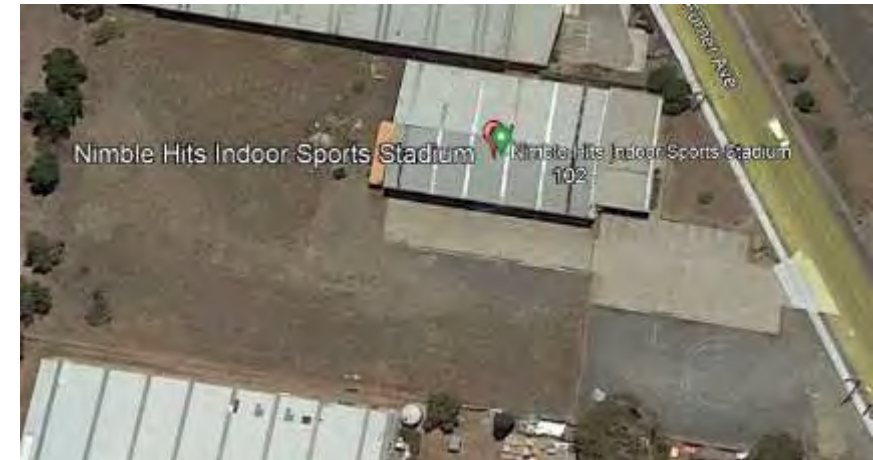
Source: Google Earth





**VENUE NAME: NIMBLE HITS SPORTS STADIUM**

Address:	96 - 102 Furner Avenue Bell Park
Geo Coordinates:	38.060752S; 144.203334E
Governance:	Privately owned
Proximity to Competition Venue:	7.7km
Field of Play Provision:	At least two synthetic indoor cricket courts that can be configured to facilitate up to six individual training nets; it is assumed that space available for bowlers' run ups is limited; the website notes an intention to construct 10 to 12 cricket lanes (timing not specified)
Amenity On-site:	Off-street parking; spectator seating
Indicative Improvement Opportunities:	Re-surfacing synthetic flooring and ensuring net structures and lighting are compliant; potential requirement to upgrade toilet/ changeroom amenities



Source: Google Earth





**VENUE NAME: GEELONG INDOOR SPORTS**

Address:	13 Gravel Pits Rd South Geelong
Geo Coordinates:	38.102145S; 144.214922E
Governance:	Privately owned
Proximity to Competition Venue:	2.3km
Field of Play Provision:	Three synthetic indoor cricket courts that can be configured to facilitate up to nine individual nets; it is assumed that space available for bowlers' run ups is limited
Amenity On-site:	Toilets and off-street car parking
Indicative Improvement Opportunities:	Re-surfacing synthetic flooring and ensuring net structures and lighting are compliant; potential to upgrade



Source: Google Earth

# CRICKET – TED SUMMERTON RESERVE, MOE

## ASSESSMENT DETAIL – GENERAL INFORMATION

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GENERAL INFORMATION	
Venue Name:	Ted Summerton Reserve
Address:	Vale Street, Moe VIC 3825
Geo Coordinates:	38.105787S; 146.152485E
Governance:	Latrobe City Council
Existing Tenants:	Moe Football Club, ad-hoc AFL pre-season games; ad-hoc BBL and WBBL games
Nature of Use:	Mostly community sport (with some professional sporting use)
Approximate Size of Precinct:	c. 55,000sqm
General Description of Facilities:	Venue's capacity is 7,500 to 10,000. It is understood the venue rates as a Tier 2 venue (given it has hosted BBL). The venue has a recently opened a Cricket and Community Centre with indoor and outdoor training amenity (including turf practice wickets).



Source: Latrobe City Council



Source: Google Earth



**KEY POINT:**

*CGF has an expectation that Cricket venues will have a capacity for 10,000 to 20,000 for the Men’s and Women’s tournaments. Other than for Training, there aren’t published specifications for venues for Cricket at the Commonwealth Games. The ICC has a tiering system for venues, with Tier 1 required for international Men’s matches, and it is understood Tier 2 is sufficient for international Women’s matches. Although it is also understood the ICC would seek to sanction any venue used for an international Cricket tournament such as that proposed for the 2026 Games (and that could allow for negotiation between Games’ organisers and, the CGF and the ICC).*

**Ted Summerton Reserve:**

- *The site has a Training Centre which enhances the amenity available to support the delivery of the Cricket program*
- *There could be an issue with providing a second full sized venue for training purposes (in proximity to Ted Summerton Reserve)*
- *Ted Summerton Reserve’s capacity of 7,500 to 10,000 is below / at CGF expectations*
- *Ted Summerton Reserve is likely to need approval from the ICC to host games at the 2026 Games*

OTHER LIKELY REQUIREMENTS	FACILITY COMMENTARY	INDICATIVE IMPROVEMENT OPPORTUNITY
<p><b>Athlete Services:</b> A wide range of amenity for the Athletes and their support persons, including lounges and changerooms; catering areas, etc</p> <p><b>Officials &amp; Operations:</b> A wide range of amenity across officials, delegates, VIPs, volunteers, and competition management, and accreditation, including specific spaces, offices, etc</p> <p><b>Medical:</b> Dedicated spaces, including medical area; massage and physiotherapy area; doping control area, etc</p> <p><b>Broadcast &amp; Media:</b> Dedicated spaces, media centre; press conference room; broadcast compound; mixed zone in proximity to FoP</p> <p><b>Other:</b> Storage, spectator amenity, broadcast standard lights (for night games)</p>	<p>The venue is likely to be non-compliant across a number of areas depending on the expectations / requirements of the ICC.</p> <p>If the venue was to host night games it would require broadcast standard lighting.</p>	<p>Opportunity for some permanent works as a legacy for the sport / community</p> <p>Temporary overlay for remainder (and most), especially lighting (if required)</p>

# CRICKET – TED SUMMERTON RESERVE, MOE

## ASSESSMENT DETAIL – OTHER AMENITY AND MATTERS (CONT)

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OTHER LIKELY REQUIREMENTS	FACILITY COMMENTARY	INDICATIVE IMPROVEMENT OPPORTUNITY
Transport hub for athletes, officials, etc	Access roads in place Could potentially be reconfigured for the event	Temporary overlay
Transport hub for spectators	Access roads in place c. 1.0km from Moe Train Station	Temporary overlay Parking and bus drop off will need to be a consideration for venue event master planning
Accreditation	No suitable facilities	Temporary overlay
Security	There is likely to be a requirement to create a secure zone around the venue Size and location of precinct could present challenges (although should be solvable)	Temporary overlay

POTENTIAL ISSUE	IMPLICATION
<b>Boundary:</b> Appears to border private residences and businesses	Potential community displacement
<b>Disruption:</b> Multitude of community sport and recreational users	Significant community displacement Need to find alternate facilities for displaced groups Potential claims for compensation

**TRAINING FACILITIES:**  
*Ted Summerton Reserve has training facilities on-site. There is a likely issue regarding the availability of an adequate full sized alternate facility in proximity to the venue (especially if the venue needs to be of a certain size and have appropriate training facilities such as appropriate turf nets, changerooms, etc). Further analysis may have to be undertaken once discussions are had with the CGF and / or ICC*



# CRICKET – EASTERN OVAL, BALLARAT

## ASSESSMENT DETAIL – GENERAL INFORMATION

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### GENERAL INFORMATION

Venue Name:	Eastern Oval
Address:	Havelock Street, Ballarat East VIC 3350
Geo Coordinates:	37.332662S; 143.514843E
Governance:	Ballarat City Council
Existing Tenants:	East Point Football Netball Club; East Ballarat Cricket Club; ad-hoc BBL and WBBL games
Nature of Use:	Mostly community sport (with some professional sporting use)
Approximate Size of Precinct:	c. 33,500 sqm
General Description of Facilities:	Venue's capacity is approximately 10,000. It is understood the venue rates as a Tier 3 venue (given it has hosted WBBL) (although, based on advice, could be upgraded to at least a Tier 2 venue). The venue has a recently opened Cricket and Community Centre with outdoor training amenity (including turf practice wickets).



Source: Google Earth



Source: Melbourne Renegades



**KEY POINT:**  
 CGF has an expectation that Cricket venues will have a capacity for 10,000 to 20,000 for the Men’s and Women’s tournaments. Other than for Training, there aren’t published specifications for venues for Cricket at the Commonwealth Games. The ICC has a tiering system for venues, with Tier 1 required for international Men’s matches, and it is understood Tier 2 is sufficient for international Women’s matches. Although it is also understood the ICC would seek to sanction any venue used for an international Cricket tournament such as that proposed for the 2026 Games (and that could allow for negotiation between Games’ organisers and, the CGF and the ICC).

- Eastern Oval:**
- The site has an outdoor Training Centre which enhances the amenity available to support the delivery of the Cricket program
  - There could be an issue with providing a second full sized venue for training purposes (in proximity to Eastern Oval)
  - Eastern Oval’s capacity of 10,000 is at CGF expectations
  - Eastern Oval is likely to need approval from the ICC to host games at the 2026 Games

OTHER LIKELY REQUIREMENTS	FACILITY COMMENTARY	INDICATIVE IMPROVEMENT OPPORTUNITY
<p><b>Athlete Services:</b> A wide range of amenity for the Athletes and their support persons, including lounges and changerooms; catering areas, etc</p> <p><b>Officials &amp; Operations:</b> A wide range of amenity across officials, delegates, VIPs, volunteers, and competition management, and accreditation, including specific spaces, offices, etc</p> <p><b>Medical:</b> Dedicated spaces, including medical area; massage and physiotherapy area; doping control area, etc</p> <p><b>Broadcast &amp; Media:</b> Dedicated spaces, media centre; press conference room; broadcast compound; mixed zone in proximity to FoP</p> <p><b>Other:</b> Storage, spectator amenity, broadcast standard lights (for night games)</p>	<p>The venue is likely to be non-compliant across a number of areas depending on the expectations / requirements of the ICC.</p> <p>If the venue was to host night games it would require broadcast standard lighting.</p>	<p>Opportunity for some permanent works as a legacy for the sport / community</p> <p>Temporary overlay for remainder (and most), especially lighting (if required)</p>

# CRICKET – EASTERN OVAL, BALLARAT

## ASSESSMENT DETAIL – OTHER AMENITY AND MATTERS (CONT)

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OTHER LIKELY REQUIREMENTS	FACILITY COMMENTARY	INDICATIVE IMPROVEMENT OPPORTUNITY
Transport hub for athletes, officials, etc	Access roads in place Could potentially be reconfigured for the event	Temporary overlay
Transport hub for spectators	Access roads in place c. 1.0km from Ballarat Railway Station	Temporary overlay Parking and bus drop off will need to be a consideration for venue event master planning
Accreditation	No suitable facilities	Temporary overlay
Security	There is likely to be a requirement to create a secure zone around the venue Size and location of precinct could present challenges (although should be solvable)	Temporary overlay

POTENTIAL ISSUE	IMPLICATION
<b>Boundary:</b> Appears to border private residences and businesses	Potential community displacement
<b>Disruption:</b> Multitude of community sport and recreational users	Significant community displacement Need to find alternate facilities for displaced groups Potential claims for compensation

**TRAINING FACILITIES:**  
*Eastern Oval has training facilities on-site (but no indoor facilities). There is a likely issue regarding the availability of an adequate full sized alternate facility in proximity to the venue (especially if the venue needs to be of a certain size and have appropriate training facilities such as appropriate turf nets, changerooms, etc). Further analysis may have to be undertaken once discussions are had with the CGF and / or ICC*

# CRICKET – QUEEN ELIZABETH OVAL, BENDIGO

## ASSESSMENT DETAIL – GENERAL INFORMATION

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### GENERAL INFORMATION

Venue Name:	Queen Elizabeth Oval
Address:	Gaol Road, Bendigo VIC 3550
Geo Coordinates:	36.452049S; 144.163296E
Governance:	City of Greater Bendigo
Existing Tenants:	Sandhurst Football Netball Club, South Bendigo Football Netball Club, Bendigo Football Netball League, Bendigo District Cricket Association.
Nature of Use:	Mostly community sport with a range of major events
Approximate Size of Precinct:	c. 49,000 sqm
General Description of Facilities:	Venue's capacity is approximately 10,000 (the grandstand seat's 900). It is understood the venue could be upgraded to potentially be a Tier 2 venue although it would need significant work.



Source: Google Earth



Source: City of Greater Bendigo





**KEY POINT:**

*CGF has an expectation that Cricket venues will have a capacity for 10,000 to 20,000 for the Men’s and Women’s tournaments. Other than for Training, there aren’t published specifications for venues for Cricket at the Commonwealth Games. The ICC has a tiering system for venues, with Tier 1 required for international Men’s matches, and it is understood Tier 2 is sufficient for international Women’s matches. Although it is also understood the ICC would seek to sanction any venue used for an international Cricket tournament such as that proposed for the 2026 Games (and that could allow for negotiation between Games’ organisers and, the CGF and the ICC).*

**Queen Elizabeth Oval:**

- *Queen Elizabeth Oval does not have appropriate training facilities to support international cricket (including turf nets, and an indoor centre)*
- *Queen Elizabeth Oval’s capacity of 10,000 is at CGF expectations*
- *Queen Elizabeth Oval will need approval from the ICC to host games at the 2026 Games*

OTHER LIKELY REQUIREMENTS	FACILITY COMMENTARY	INDICATIVE IMPROVEMENT OPPORTUNITY
<p><b>Athlete Services:</b> A wide range of amenity for the Athletes and their support persons, including lounges and changerooms; catering areas, etc</p> <p><b>Officials &amp; Operations:</b> A wide range of amenity across officials, delegates, VIPs, volunteers, and competition management, and accreditation, including specific spaces, offices, etc</p> <p><b>Medical:</b> Dedicated spaces, including medical area; massage and physiotherapy area; doping control area, etc</p> <p><b>Broadcast &amp; Media:</b> Dedicated spaces, media centre; press conference room; broadcast compound; mixed zone in proximity to FoP</p> <p><b>Other:</b> Storage, spectator amenity, broadcast standard lights (for night games)</p>	<p>The venue is likely to be non-compliant across a number of areas depending on the expectations / requirements of the ICC.</p> <p>If the venue was to host night games it would require broadcast standard lighting.</p>	<p>Opportunity for some permanent works as a legacy for the sport / community</p> <p>Temporary overlay for remainder (and most), especially lighting (if required)</p>

# CRICKET – QUEEN ELIZABETH OVAL, BENDIGO

## ASSESSMENT DETAIL – OTHER AMENITY AND MATTERS (CONT)

**CONFIDENTIAL  
DRAFT FOR DISCUSSION**



OTHER LIKELY REQUIREMENTS	FACILITY COMMENTARY	INDICATIVE IMPROVEMENT OPPORTUNITY
Transport hub for athletes, officials, etc	Access roads in place Could potentially be reconfigured for the event	Temporary overlay
Transport hub for spectators	Access roads in place c. 1.5km from Bendigo Railway Station	Temporary overlay Parking and bus drop off will need to be a consideration for venue event master planning
Accreditation	No suitable facilities	Temporary overlay
Security	There is likely to be a requirement to create a secure zone around the venue Size and location of precinct could present challenges (although should be solvable)	Temporary overlay

POTENTIAL ISSUE	IMPLICATION
<b>Boundary:</b> Appears to border private residences and businesses	Potential community displacement
<b>Disruption:</b> Multitude of community sport and recreational users	Significant community displacement Need to find alternate facilities for displaced groups Potential claims for compensation

### **TRAINING FACILITIES:**

*Queen Elizabeth does not have appropriate training facilities on-site. Importantly, this includes a lack of turf nets (but also, an indoor facility). A project has started in the region at the Catherine McAuley College, developing a Cricket and Community Centre (funded by the school, the City and the State) 7km from Queen Elizabeth Oval. Stage 1 of the project commenced in November 2021, although it is understood the plans (both stages) do not include a full sized oval or turf training nets (there is an indoor centre, along with junior ovals and synthetic nets). There is also a likely issue regarding the availability of an adequate full sized alternate facility in proximity to the venue (especially if the venue needs to be of a certain size and have appropriate training facilities such as appropriate turf nets, changerooms, etc). Further analysis may have to be undertaken once discussions are had with the CGF and / or ICC*



# CYCLING – BMX FREESTYLE: 'POP UP' BALLARAT

# CYCLING (BMX FREESTYLE) – BALLARAT (POP UP)

## ISSUES AND RECOMMENDATIONS

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HIGHLIGHTS	
Facility Fit For Program:	It is assumed an appropriate site can be found in Ballarat for the requirements of BMX Freestyle (as a guide the Tokyo Olympic Games venue (FoP and seating) occupied a total of c.7,500sqm (including a FoP area of 2,200sqm)), with this venue having capacity for 5,000 spectators (in excess of the minimum CGF requirements of 2,500)
Training Venue:	Scheduled on-course training/familiarisation to be provided prior to competition and on each day of competition
General Compliance Rating	N/a (specific site or course is unknown) <b><i>Subject to site identification and availability, compliance is assumed for the Games</i></b>

MAJOR ISSUES	REMEDIES	PERMANENT OR TEMPORARY OVERLAY
Requirement for a BMX Freestyle course / park	Install as required	Temporary overlay as ramps need to be wood (although there is an opportunity for some permanent infrastructure to remain (or be developed) post the Games)
Requirement for most amenity across Spectators, Athletes Services, Officials & Operations, Medical, Broadcast & Media, Transport, Accreditation, Security, etc	Install as required. Assumed temporary seating for at least 2,500 (in line with CGF expectations across a range of other sports) and a temporary judging tower	Temporary overlay

CAPITAL WORKS	INDICATIVE ESTIMATE (\$M)
Permanent	██████████

\*: Development (or redevelopment) of a site, leaving legacy freestyle amenity for the community (assuming any capital cost at the bottom end of the range)



# CYCLING (BMX FREESTYLE) – BALLARAT (POP UP)

## ASSESSMENT DETAIL – GENERAL INFORMATION

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### GENERAL INFORMATION

Venue Name:	Ballarat – site to be determined
Address:	TBC
Geo Coordinates:	TBC
Governance:	TBC
Existing Tenants:	TBC
Nature of Use:	TBC
Approximate Size of Precinct:	TBC
General Description of Facilities:	TBC

**KEY POINT:**

***At the time of writing, no specific site has been identified by the State for the BMX Freestyle program at the 2026 Games.***

# CYCLING (BMX FREESTYLE) – BALLARAT (POP UP) ASSESSMENT DETAIL – PRECINCT COMPARISONS

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## Tokyo Olympic Games Venue:

### Ariake Urban Sports Park:

- Perimeter: c.350m
- Area: c.7,500sqm (FOP and seating)
- FoP Area: c.2,200sqm
- Temporary 'pop up' venue

Source: Google Earth



Source: BMX Union Website



Source: Google Earth

### **KEY POINT:**

***Based on the Tokyo Olympic Games venue, it is apparent that a 'pop up' facility is suitable for the BMX Freestyle program provided access to a suitable site with the necessary footprint can be identified***

# CYCLING (BMX FREESTYLE) – BALLARAT (POP UP)

## ASSESSMENT DETAIL – FIELD OF PLAY, OTHER AMENITY AND MATTERS

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CGF / ISF REQUIREMENTS	FACILITY COMMENTARY	INDICATIVE IMPROVEMENT OPPORTUNITY
<p>ISF FoP ('park') requirements identify a minimum area of 15.0m x 25.0m, with the width or length not being greater than 60.0m. The FoP for events that form part of a multi sport games needs to be an 'advanced level' and is normally between 25.0m and 60.0m along each dimension (width and / or length)</p> <p>ISF specifies that the FoP for events that form part of a multi sport games shall be constructed specially for BMX Freestyle and shall consist of wooden ramps</p> <p>ISF requirements specify that a separate judging tower is required and is to be placed at a 45-degree angle to the BMX park just outside one of the FoP corners. The judges' tower can be located in a temporary structure and requires a capacity for up to 8 people</p> <p>A warm-up area is required, which is 6.0m x 6.0m adjacent the FoP</p> <p>A range of other areas are required adjacent the FoP including riders / team viewing area and riders area</p> <p>Spectator capacity is not specified. Tokyo Olympic Games venue had a spectator capacity of 5,000</p>	<p>As the site is unknown, it is assumed there will be minimal available facilities</p>	<p>Temporary overlay</p> <p>Opportunity for a permanent 'park' elements to be provided post Games as a legacy for the sport / community</p>
<p><b>Athlete Services:</b> A wide range of amenity for the Athletes, including, changerooms, toilets bike parking, bike mechanics area, etc)</p> <p><b>Officials &amp; Operations:</b> A wider range of amenity across officials, delegates, VIPs, volunteers, and competition management, accreditation, etc</p> <p><b>Medical:</b> Dedicated spaces, including for doping control, first aid, etc</p> <p><b>Broadcast &amp; Media:</b> Media centre</p> <p><b>Other:</b> Storage, videoboard, etc.</p>	<p>As the site is unknown, it is assumed there will be minimal available facilities</p>	<p>Likely to be a temporary overlay solution (although there could be an opportunity for legacy works for the chosen site)</p> <p>Temporary overlay</p>

# CYCLING (BMX FREESTYLE) – BALLARAT (POP UP)

## ASSESSMENT DETAIL – FIELD OF PLAY, OTHER AMENITY AND MATTERS (CONT)

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OTHER LIKELY REQUIREMENTS	FACILITY COMMENTARY	INDICATIVE IMPROVEMENT OPPORTUNITY
Transport hub for athletes, officials, etc	As the site is unknown, it is assumed there will be minimal available facilities	Temporary overlay
Transport hub for spectators		
Accreditation		
Security		

POTENTIAL ISSUE	IMPLICATION
<b>Boundary:</b> As the site is unknown, this can not be reliably assessed	Unknown
<b>Disruption:</b> As the site is unknown, this can not be reliably assessed	Unknown

### **TRAINING VENUES NOTE:**

*It is assumed that scheduled access will be provided to the competition FoP to facilitate practice and warm-up requirements for the BMX Freestyle program at the 2026 Commonwealth Games.*





# CYCLING – CROSS COUNTRY MOUNTAIN BIKE: BUNINYONG

# CYCLING (CROSS COUNTRY MOUNTAIN BIKE) – BUNINYONG

## ISSUES AND RECOMMENDATIONS

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### HIGHLIGHTS

Facility Fit For Program:	The specified course location is yet to be determined, with Buninyong currently being considered as a location. The Cross Country Mountain Bike Race competition will require access to an area that can provide a course of between 4km and 6km in length, with varying terrain. It is unknown at this stage if a suitable site and course can be developed in Buninyong, with a specific site having to be identified.
Training Venue:	Scheduled on-course training/familiarisation to be provided prior to competition
General Compliance Rating	N/a (not aware of specific course) <b><i>Subject to site identification and availability, compliance is assumed for the Games</i></b>

### MAJOR ISSUES

### REMEDIES

### PERMANENT OR TEMPORARY OVERLAY

Need to provide a compliant competition course of 4km to 6km in length with varying terrain and an appropriate start/ finish area	Course design and temporary overlay	Combined. Potential for elements of course to be developed as a permanent course/ trail to provide legacy for the sport / community
Need to meet CGF specified spectator capacity requirements of 2,000	Install temporary seating as required and develop appropriate viewing zones at different points around the course	Temporary overlay
Requirement for most amenity across Spectators, Athletes Services, Officials & Operations, Medical, Broadcast & Media, Transport, Accreditation, Security, etc	Install as required	Combined. Largely temporary overlay, with opportunity to deliver permanent services to the site for future events to provide legacy for the sport / community

### CAPITAL WORKS

### INDICATIVE ESTIMATE (\$M)

Permanent



\*: Incorporates the potential development of a competition course and amenity (i.e. power, water) to support the Games and to provide legacy for the sport / community

# CYCLING (CROSS COUNTRY MOUNTAIN BIKE) – BUNINYONG

## ASSESSMENT DETAIL – GENERAL INFORMATION

**CONFIDENTIAL  
DRAFT FOR DISCUSSION**



### GENERAL INFORMATION

Venue Name:	Buninyong
Address:	TBC
Geo Coordinates:	TBC
Governance:	TBC
Existing Tenants:	TBC
Nature of Use:	TBC
Approximate Size of Precinct:	TBC
General Description of Facilities:	TBC

**KEY POINT:**

*At the time of writing, no specific site has been identified by the State for the Cross Country Mountain Bike program at the 2026 Games.*

# CYCLING (CROSS COUNTRY MOUNTAIN BIKE) – BUNINYONG

## ASSESSMENT DETAIL – PRECINCT COMPARISONS

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### Tokyo Olympic Games Venue: IZU MTB Course:

- Perimeter: c.1,510m
- Area: c.95,000sqm
- 4.1km loop

Source: Google Earth



Source: Mountain Bike Rider Website



Source: Cycling New Website

### Melbourne 2006 Commonwealth Games Venue: State Mountain Bike Course (Lysterfield)

- Perimeter: c.4,200sqm
- Area: c.571,000sqm
- 6.0km loop



Source: Parks Victoria



Source: Cycle Travel Overload Website

### Gold Coast Commonwealth Games Venue: Nerang Mountain Bike Trails

- Perimeter: c.5,400m
- Area: c.330,000sqm
- 4.5km loop

Source: Google Earth



Source: Australian Mountain Bike Magazine Website

### **KEY POINT:**

***It is apparent, that a Cross Country Mountain Bike Course in Buninyong will require necessary access to a significant 'bushland' area that includes varying terrain and allows for the required overlay to be delivered***



# CYCLING (CROSS COUNTRY MOUNTAIN BIKE) – BUNINYONG

## ASSESSMENT DETAIL – FIELD OF PLAY, OTHER AMENITY AND MATTERS

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CGF / ISF REQUIREMENTS	FACILITY COMMENTARY	INDICATIVE IMPROVEMENT OPPORTUNITY
ISF course requirement includes a lap length of between 4.0km and 6.0km, including a start loop (used on first lap only to allow for initial rider positioning before entering single tracks)	It is unknown if there is fit-for-purpose Cross Country Mountain Bike course in Buninyong that can be repurposed or used for the 2026 Games	Opportunity for some permanent track works as a legacy for the sport / community Temporary overlay for remainder (and most)
ISF identifies a cross-country course for an Olympic event should use an attractive lay-out to encourage easy viewing for spectators and television coverage		
ISF course requirements identify a need for a course which includes a variety of terrain such as road sections, forest tracks, fields, and natural or gravel paths, and includes significant amounts of climbing and descending. Paved or tarred/asphalt roads cannot exceed 15% of the total course		
The start / finish zone must be at least 6 metres wide for at least 50 metres before the start line and 6 metres wide for at least 100 metres after the start line. For all events the start must be on a flat or uphill section of the course		
Spectator capacity of 3,000 (CGF)	As the site is unknown, it is assumed there will be minimal available facilities	Likely to be a temporary overlay solution (although there could be an opportunity for legacy capital works for the chosen site)
<b>Athlete Services:</b> A wide range of amenity for the Athletes, including start areas, finish areas, changerooms, mechanics, etc		
<b>Officials &amp; Operations:</b> A wider range of amenity across officials, delegates, VIPs, volunteers, and competition management, accreditation, etc		Temporary overlay
<b>Medical:</b> Dedicated spaces, including for doping control, first aid, etc		
<b>Broadcast &amp; Media:</b> Media centre, camera points		
<b>Other:</b> Storage		

# CYCLING (CROSS COUNTRY MOUNTAIN BIKE) – BUNINYONG

## ASSESSMENT DETAIL – FIELD OF PLAY, OTHER AMENITY AND MATTERS (CONT)

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OTHER LIKELY REQUIREMENTS	FACILITY COMMENTARY	INDICATIVE IMPROVEMENT OPPORTUNITY
Transport hub for athletes, officials, etc	As the site is unknown, it is assumed there will be minimal available facilities	Temporary overlay
Transport hub for spectators		
Accreditation		
Security		

POTENTIAL ISSUE	IMPLICATION
<b>Boundary:</b> As the site is unknown, this can not be reliably assessed	Unknown
<b>Disruption:</b> As the site is unknown, this can not be reliably assessed	Unknown

**TRAINING VENUES NOTE:**  
*It is assumed that scheduled access will be provided to the competition FoP to facilitate practice and warm-up requirements for the Cross Country Mountain Bike program at the 2026 Commonwealth Games.*



# CYCLING – ROAD RACE: VARIOUS SITES

# CYCLING (ROAD RACE) – VARIOUS LOCATIONS

## ISSUES AND RECOMMENDATIONS

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### HIGHLIGHTS

Facility Fit For Program:	Specified course / route and start and finish stage locations are yet to be determined. The Cycling Road Race will require access to a route on paved roads for each stage. A compliant course is likely to be accommodated based on previous events (including single day and multi stage events) staged in Regional Victoria, including the Cadel Evans Great Ocean Road Race, UCI Road World Championships and Jayco Herald Sun Tour
Training Venue:	Scheduled on-course training/familiarisation to be provided with designated road course prior to competition
General Compliance Rating	N/a (specific course is unknown, and regardless, no permanent facilities suggested for Cycling Road Race) <b><i>Subject to course identification and availability, compliance is assumed for the Games</i></b>

### MAJOR ISSUES

### REMEDIES

### PERMANENT OR TEMPORARY OVERLAY

Need to provide finish point that allows for a protection zone 300m before and 100m after the finishing line	Course design and install temporary overlay	Temporary overlay
Need to meet CGF specified spectator capacity requirements of 500 at finish line	Install temporary seating as required	Temporary overlay
Address any impact on surrounding open space from event overlay	Restorative works on any open space impacted	Temporary overlay
Requirement for most amenity across Spectators, Athletes Services, Officials & Operations, Medical, Broadcast & Media, Transport, Accreditation, Security, etc	Install as required	Temporary overlay
Likely disruption across all stages of the event	Detailed planning and consultation with key stakeholders, such as Local Government	N/a

### CAPITAL WORKS

### INDICATIVE ESTIMATE (\$M)

Permanent	\$0*
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\*: No permanent infrastructure proposed. To be delivered using temporary overlay.



# CYCLING (ROAD RACE) – VARIOUS LOCATIONS

## ASSESSMENT DETAIL – GENERAL INFORMATION

**CONFIDENTIAL  
DRAFT FOR DISCUSSION**



### GENERAL INFORMATION

Venue Name:	Various
Address:	TBC
Geo Coordinates:	TBC
Governance:	TBC
Existing Tenants:	TBC
Nature of Use:	TBC
Approximate Size of Precinct:	TBC
General Description of Facilities:	TBC

**KEY POINT:**

***At the time of writing, no specific route has been identified by the State for the Cycling Road Race program at the 2026 Games.***

# CYCLING (ROAD RACE) – VARIOUS LOCATIONS

## ASSESSMENT DETAIL – FIELD OF PLAY, OTHER AMENITY AND MATTERS

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CGF / ISF REQUIREMENTS	FACILITY COMMENTARY	INDICATIVE IMPROVEMENT OPPORTUNITY
Specified course / route needs to be on paved roads with average maximum stage distances of 180km for men (with a maximum stage distance of 240km) and 140km for women (with a maximum stage distance of 160km)	No specified course at this stage	Temporary overlay
Spectator capacity of 500 (finish line)	Will require seating at each finish line for each stage	
<b>Athlete Services:</b> A wide range of amenity for the Athletes, including start areas, finish areas, changerooms, etc)	Unknown. Likely to be temporary and / or draw upon existing amenity across the stages comprising the event	
<b>Officials &amp; Operations:</b> A wider range of amenity across officials, delegates, VIPs, volunteers, and competition management, accreditation, etc		
<b>Medical:</b> Dedicated spaces, including for doping control, first aid, etc		
<b>Broadcast &amp; Media:</b> Media centre (ISF)		
<b>Other:</b> Storage (ISF)		

OTHER LIKELY REQUIREMENTS	FACILITY COMMENTARY	INDICATIVE IMPROVEMENT OPPORTUNITY
Transport hub for athletes, officials, etc	Unknown. Likely to be temporary and / or draw upon existing amenity across the stages comprising the event	Temporary overlay
Transport hub for spectators		
Accreditation		
Security		

# CYCLING (ROAD RACE) – VARIOUS LOCATIONS

## ASSESSMENT DETAIL – FIELD OF PLAY, OTHER AMENITY AND MATTERS (CONT)

CONFIDENTIAL


DRAFT FOR DISCUSSION



POTENTIAL ISSUE	IMPLICATION
<b>Boundary:</b> Likely to cross multiple boundaries	Potential community displacement due to length of course and the need for significant road closures
<b>Disruption:</b> Multitude (public and business)	Significant community disruption and potential business impact Potential claims for compensation

### **TRAINING VENUES NOTE:**

*It is assumed that scheduled access will be provided to the competition FoP to facilitate practice and warm-up requirements for the Cycling Road Race program at the 2026 Commonwealth Games.*



# DIVING: KARDINIA AQUATIC CENTRE





HIGHLIGHTS	
Facility Fit For Program:	The Diving program <u>WILL NOT</u> fit in the original venue nominated (Mildura Waves) due to non-compliant pool, diving tower and springboard configuration. Regional Victoria lacks an alternate ‘ready to go’ venue and it was agreed to progress with co-locating the Diving program with the Aquatics Program at Kardinia Aquatic Centre. The Diving program <u>WILL NOT</u> fit into Kardinia Aquatic Centre footprint and will require a redevelopment of the current diving facilities and the use of the broader Kardinia Park precinct for temporary seating and event overlay Proposed upgrade works should be considered as part of a broader a master plan of the Kardinia Aquatic Centre and Kardinia Park precinct (for event and post event)
General Compliance Rating	Does not comply <b><i>See Aquatics for commentary on compliance for the Games</i></b>

MAJOR ISSUES	REMEDIES	PERMANENT OR TEMPORARY OVERLAY
Need for a compliant diving pool. The current pool dimensions are not compliant (16.0m x 12.0m and 3.8m deep). FINA regulations require a pool 25.0m x 20.0m and 5.0m deep	Upgrade / redevelop diving pool. Could also require relocation	Permanent
Need for compliant dive tower. Venue has no dive tower and only two springboards. FINA regulations require a dive tower with 5.0m, 7.5m and 10.0m platforms. In addition, two 1.0m and three 3.0m springboards are required	Develop diving tower and additional springboards	Permanent
Capacity of venue to meet CFG spectator capacity requirements of 1,000	Install temporary seating	Temporary overlay

# DIVING – KARDINIA AQUATIC CENTRE, GEELONG

## ISSUES AND RECOMMENDATIONS (CONT)

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DRAFT FOR DISCUSSION**



MAJOR ISSUES	REMEDIES	PERMANENT OR TEMPORARY OVERLAY
Need to provide a dryland training area adjacent to FoP	Install dryland training area	Combined. Some opportunity for permanent amenity as a legacy for community sport
Need for compliant lighting (1,500 lux)	Install compliant lighting	Combined
Requirement for most amenity across Spectators, Athletes Services, Officials & Operations, Medical, Broadcast & Media, Transport, Accreditation, Security, etc	Install as required. Overlay efficiencies should be achieved as a result of locating the venue at Kardinia Park, which also includes the Gymnastics, Aquatics and Cricket programs (and the Closing Ceremony)	Combined. Some opportunity for permanent amenity as a legacy for community sport (such as changerooms)
Significant disruption with reconfiguration / redevelopment of the site	N/a	N/a
Capacity to deliver works within available timeframe	Commence planning immediately and adopt an accelerated delivery solution	N/a
Site governance and access with parts of Kardinia Park overseen by the Kardinia Park Stadium Trust, and others under Committee of Management by the City of Greater Geelong	Commence negotiations between the State Government and Local Government	N/a

CAPITAL WORKS	INDICATIVE ESTIMATE (\$M)
Permanent	Part of Aquatics estimated cost*

\*: Incorporates a complete redevelopment of the Kardinia Aquatic Centre site including pools (competition, warm-up and diving), development of compliant dive tower and springboards and improvement of amenities such as changerooms, entry zone, etc.

# DIVING – KARDINIA AQUATIC CENTRE, GEELONG

## ASSESSMENT DETAIL – GENERAL INFORMATION

**CONFIDENTIAL  
DRAFT FOR DISCUSSION**



### GENERAL INFORMATION

Venue Name:	Kardinia Aquatics Centre
Address:	25 Park Cres, South Geelong Vic 3220
Geo Coordinates:	-38.160060S, 144.353120E
Governance:	City of Greater Geelong
Existing Tenants:	Geelong Swimming Club Marlins Water Polo Club
Nature of Use:	Club and recreational swimming (competitions and training). Venue also used for school swimming carnivals
Approximate Size of Precinct:	Perimeter: c. 640m Area: c. 20,360 sqm
General Description of Facilities:	Kardinia Aquatic Centre is located in the Kardinia Park precinct and includes two 50m pools (known as the FINA and Olympic pools). In addition, it includes a diving pool (springboards only) and water play space. The site has minimal support amenity



Source: City of Greater Geelong



Source: Google Earth



# DIVING – KARDINIA AQUATIC CENTRE, GEELONG

## ASSESSMENT DETAIL – PRECINCT COMPARISONS

**CONFIDENTIAL**  
**DRAFT FOR DISCUSSION**



### Kardinia Aquatic Centre

- Perimeter: c.650m
  - Area: c.20,350sqm
- Source: Google Earth



Source: Google Earth



Source: Kardinia Aquatic Centre Facebook Page

### Melbourne 2006 Commonwealth Games Venue: Melbourne Sports and Aquatic Centre

- Perimeter: c.750m (pool area)
- Area: c.25,750sqm (pool area)

Source: Google Earth



Source: Google Earth



Source: Weekend Notes Website

### Gold Coast Commonwealth Games Venue: Gold Coast (Optus) Aquatic Centre

- Perimeter: c.650
- Area: c.25,100sqm

Source: Google Earth



Source: City of Gold Coast Website

#### **KEY POINT:**

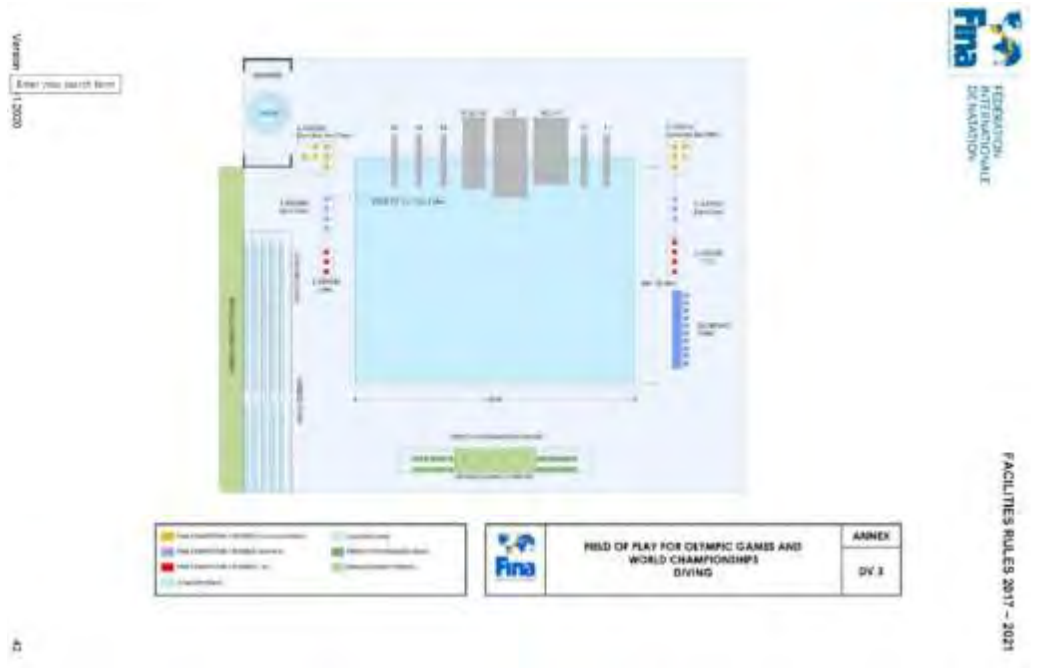
***The existing diving facilities at the Kardinia Aquatic Centre are unsuitable for hosting the Diving program. Provided major upgrades are undertaken and with necessary overlay and access to the broader Kardinia Park precinct, the site should be capable of hosting the Diving program for the 2026 Games.***



# DIVING – KARDINIA AQUATIC CENTRE, GEELONG

## ASSESSMENT DETAIL – PRECINCT CONFIGURATION

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Source: FINA Facilities Rules



Source: Google Earth and DHW Ludus analysis  
Possible Commonwealth Games diving mode

***The diving facilities at Kardinia Aquatic Centre are not compliant as the pool dimensions do not meet international competition standard, there is no diving tower and limited springboards. To accommodate the 2026 Games Diving program, it will require a complete redevelopment of the diving facilities at the venue (and potentially relocation within the site).***

***This redevelopment work needs to be master planned as part of the broader redevelopment works required for the Aquatics program.***

### **INDICATIVE DEVELOPMENT OPPORTUNITY:**

- 1. Installation of new compliant diving pool**
- 2. Installation of 10m diving tower (with required platform heights), plus 1m and 3m springboards**
- 3. Provision of broadcast standard lighting**
- 4. Dry land training facilities**



CGF / ISF REQUIREMENTS	FACILITY COMMENTARY	INDICATIVE IMPROVEMENT OPPORTUNITY
ISF specified diving pool dimensions of 25.0m x 20.0m and 5.0m deep (need to ensure dive pool is 8.0m and preferably 10.0m from adjacent pools)	No existing compliant facilities. Current diving pool dimensions are 16.0m x 12.0m x 3.8m deep	Permanent. Upgrade pool and relocate pool if required
ISF compliant diving tower with 5.0m, 7.5m and 10.0m platforms, plus two 1.0m and three 3.0m springboards	No existing dive tower and only 2 springboards	Permanent. Install dive tower and required springboards
Specified CGF spectator capacity is 1,000	No permanent seating	Temporary seating overlay
ISF requires provision of an athlete hot spa on pool deck	Unknown. Unlikely to be suitable	Opportunity for permanent as part of pool redevelopment
ISF requires dryland dive training area including trampolines and springboards and platform take-off into foam landing pits	Unknown. Unlikely to be suitable	Temporary. Opportunity for elements to be permanent
ISF requires 1,500 lux lighting	Unknown. Will likely require upgrading to provide compliant lighting	Temporary or permanent compliant lighting

Source: FINA Facilities Rules  
Annex 3: 2026 Commonwealth Games Requirements



CGF / ISF REQUIREMENTS	FACILITY COMMENTARY	INDICATIVE IMPROVEMENT OPPORTUNITY
<b>Athlete Services:</b> A wide range of amenity for the Athletes, including changerooms, lounge, etc	Minimal, would require expanded footprint to meet full requirements of athlete services	Opportunity for some permanent works as a legacy for the sport / community Temporary overlay for remainder (and most)
<b>Officials &amp; Operations:</b> A wider range of amenity across officials, delegates, VIPs, volunteers, and competition management, including specific spaces, offices, etc	Minimal, would require expanded footprint to meet full requirement of officials and operations	
<b>Medical:</b> Dedicated spaces, including for doping control, first aid, etc	Minimal, unsuitable facilities	
<b>Broadcast &amp; Media:</b> Media centre, media lounge, etc	Minimal, unsuitable facilities	Temporary overlay
<b>Other:</b> Storage, scoreboard	Minimal, unsuitable facilities	

OTHER LIKELY REQUIREMENTS	FACILITY COMMENTARY	INDICATIVE IMPROVEMENT OPPORTUNITY
Transport hub for athletes, officials, etc	Access roads in place Likely need to use existing carpark network within Kardinia Park precinct	Temporary overlay
Transport hub for spectators	Access roads in place Likely need to use Moorabool Street and Kardinia Park carpark precinct c. 0.73km from nearest train station (South Geelong)	Temporary overlay
Accreditation	No suitable facilities	Temporary overlay
Security	No suitable facilities	Temporary overlay



POTENTIAL ISSUE	IMPLICATION
<b>Boundary:</b> Borders Kardinia Park precinct	Site governance and access to precinct will require negotiation with parts of Kardinia Park overseen by the Kardinia Park Stadium Trust, and others under Committee of Management by the City of Greater Geelong
<b>Disruption:</b> Multitude of community sport and recreational users and AFL matches	Significant displacement given the proposed reconfiguration / redevelopment of the site Need to find alternate facilities for displaced groups Potential impact on broader Kardinia Park precinct users including stadium users and recreational sport user groups Potential claims for compensation

### TRAINING VENUES NOTE:

*It is assumed that training facilities for the Diving program at the 2026 Commonwealth Games will be able to accommodated on-site at the chosen venue.*





# GOLF: MOONAH LINKS

# GOLF – MOONAH LINKS RESORT, FINGAL

## ISSUES AND RECOMMENDATIONS

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### HIGHLIGHTS

Facility Fit For Program:	The Golf program should fit into Moonah Links Resort precinct (including expectations for training and warm-up amenity (driving range, putting, chipping, bunkers, etc))
General Compliance Rating	Does not comply 'as is' but should with overlay (as for other tournaments it has hosted) <b><i>Assuming the delivery of the necessary overlay at the facility is feasible, it is expected post works the venue would be compliant</i></b>

MAJOR ISSUES	REMEDIES	PERMANENT OR TEMPORARY OVERLAY
Resort is not specifically ready to stage a tournament / Golf program for the Commonwealth Games	Using the site, its existing infrastructure, and temporary overlay, develop a sport-specific event precinct for Golf	Temporary overlay
Requirement for most amenity across Spectators, Athletes Services, Officials & Operations, Medical, Broadcast & Media, Transport, Accreditation, Security, etc	Install as required	Temporary overlay
Accommodation on-site not sufficient for all participants, officials, etc	Mornington Peninsula accommodation options or alternatively, Melbourne-based	N/a
Impact on the Resort's courses and surrounds due to spectators and event overlay	Restorative works at the Resort	Temporary overlay

CAPITAL WORKS	INDICATIVE ESTIMATE (\$M)
Permanent	Up to \$25*

\*: Low expectation of major capital works, assuming the clubhouse remains in good condition. Potentially at lower end of cost range

# GOLF – MOONAH LINKS RESORT, FINGAL

## ASSESSMENT DETAIL – GENERAL INFORMATION

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### GENERAL INFORMATION

Venue Name:	Moonah Links Resort
Address:	Peter Thompson Drive, Fingal, VIC, 3939
Geo Coordinates:	38.241972S; 144.510953E
Governance:	Privately owned
Existing Tenants:	Golf club members, Peppers (for accommodation)
Nature of Use:	Golf (including stay and play), conferences, functions
Approximate Size of Precinct:	c. 2,500,000 sqm (entire precinct)
General Description of Facilities:	Two championship courses, practice facilities, clubhouse, accommodation (72 rooms and suites) and bordering residences. The Resort was designed for tournament golf, with elevated spectator viewing areas, and adequate space for broadcast overlay



Source: Visit Victoria



Source: Google Earth

# GOLF – MOONAH LINKS RESORT, FINGAL

## ASSESSMENT DETAIL – PRECINCT COMPARISONS

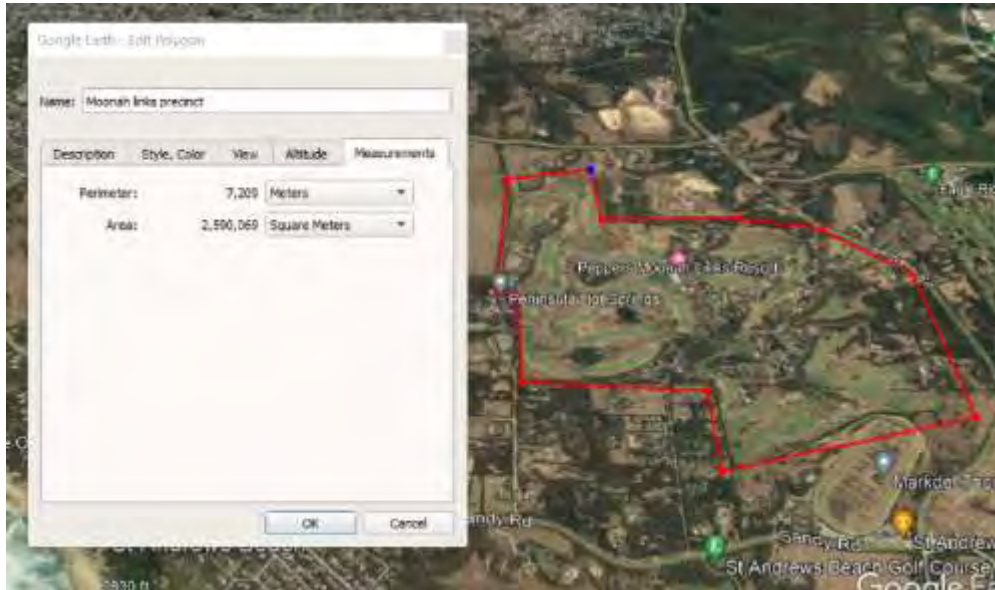
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### Moonah Links Resort

- Perimeter: c. 7,209m
- Area: c. 2,590,069sqm

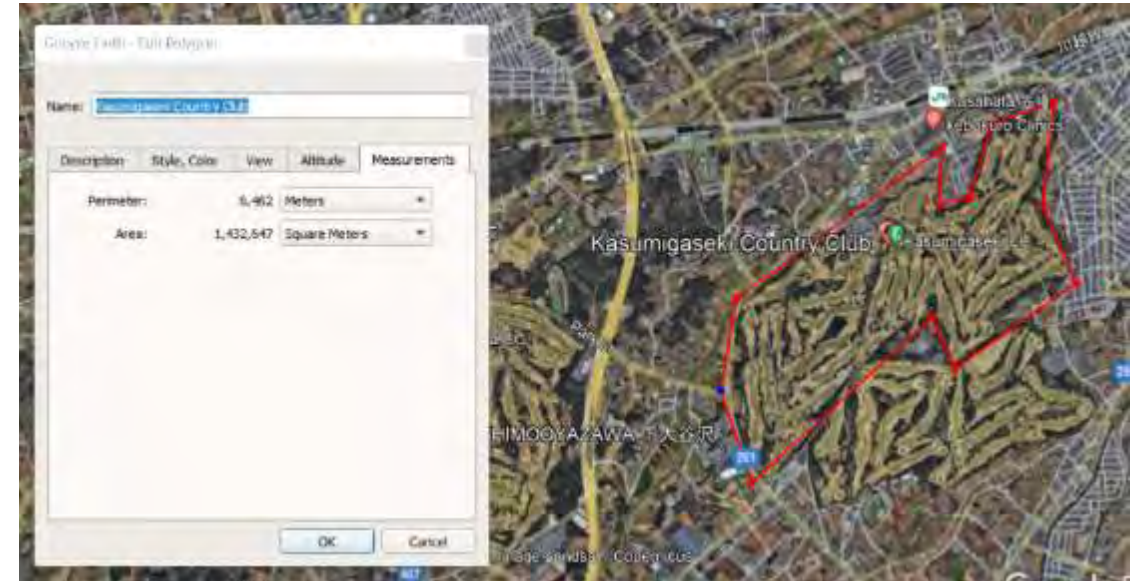
Source: Google Earth



### Kasumigaseki Country Club

- Perimeter: c. 6,462m
- Area: c. 1,432,647sqm

Source: Google Earth



### **KEY POINT:**

***The Kasumigaseki Country Club hosted the Tokyo 2020 Olympic Games Golf program. Like Moonah Links, it comprises 36 holes, practice facilities and a clubhouse. Based on the relative sizes, and Moonah Links being designed for tournament golf (spectators and broadcast), it is contended the 2026 Games Golf program could be staged at the Resort.***





**KEY POINT:**

*Golf by its nature, with diversity in its FoP, and lack of previous inclusion in Commonwealth Games, means there is little that is discoverable regarding specific guidelines for the staging of a Golf program at a Commonwealth Games. This includes expectations for spectator capacity.*

OTHER LIKELY REQUIREMENTS	FACILITY COMMENTARY	INDICATIVE IMPROVEMENT OPPORTUNITY
<p><b>Athlete Services:</b> A wide range of amenity for the Athletes and their support persons, including lounges and changerooms; catering areas, etc</p> <p><b>Officials &amp; Operations:</b> A wide range of amenity across officials, delegates, VIPs, volunteers, and competition management, and accreditation, including specific spaces, offices, etc</p> <p><b>Medical:</b> Dedicated spaces, including medical area; massage and physiotherapy area; doping control area, etc</p>	<p>The Clubhouse at the Resort has been used for large scale tournaments such as the Australian Open. It is assumed this would be supplemented with overlay to support the event</p>	
<p><b>Broadcast &amp; Media:</b> Dedicated spaces, media centre; press conference room; broadcast compound; mixed zone in proximity to FoP</p>	<p>The Resort has staged a number of tournaments, and has proven to be capable to accommodate broadcasters, spectators, etc</p>	<p>Temporary overlay along with use of existing amenity</p>
<p><b>Other:</b> Storage, spectator amenity</p>		
<p>Transport hub for athletes, officials, etc</p>	<p>Access roads in place, along with precinct carparks (hardstand and green space)</p>	
<p>Transport hub for spectators</p>	<p>The Resort has staged a number of tournaments and has proven to be capable to accommodate transport needs. Given location, access will be via car or bus (train is considerable distance)</p>	
<p>Accreditation</p>	<p>No suitable facilities</p>	<p>Temporary overlay</p>
<p>Security</p>	<p>No suitable facilities (although the precinct is fenced and gated) Size and location of precinct should ensure this is solvable</p>	<p>Temporary overlay</p>

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POTENTIAL ISSUE	IMPLICATION
<p><b>Boundary:</b> A number of residences border the golf course</p>	<p>Potential community displacement (although residents would expect professional golf to be played on the courses at the Resort)</p>
<p><b>Disruption:</b> Impact on Resort members and pay-for-play golfers</p>	<p>Some displacement Arrangements could be made for Resort members at a range of other courses / clubs on the Mornington Peninsula. Pay-for-play golfers could also be accommodated elsewhere</p>

**TRAINING VENUES NOTE:**  
*It is assumed that practice and warm-up facilities for the Golf program at the 2026 Games can be accommodated on-site at the Moonah Links Resort across the 36 golf holes, existing practice facilities and clubhouse amenity. The Resort has hosted a range of professional tournaments (supporting this contention).*

The background of the slide is a faded, grayscale image of a gymnast's hands gripping two rings. The rings are white and have a teardrop shape. The hands are positioned at the bottom of the rings, with fingers wrapped around them. The overall image is semi-transparent, allowing the text to be clearly visible.

**GYMNASTICS:  
PROPOSED NEW INDOOR CENTRE  
(GEELONG)**



### HIGHLIGHTS

Facility Fit For Program:	The Gymnastics program <u>WILL NOT</u> fit in the original venue nominated (Ballarat Sports and Events Centre) due to spectator capacity limitations. A range of alternative venues have been investigated including Bendigo Stadium, Geelong Arena, Bendigo Event and Exhibition Complex and the Proposed Geelong Convention Centre, all of which have apparent size limitations To facilitate the Gymnastics program a proposed Indoor Sports Centre is to be developed in the Kardinia Park precinct, which is capable of being converted to an indoor community sports centre and elite level Australian Rules training facility post Games. Planning for the venue (including the proposed site) will need to be considered as part of a broader master plan of Kardinia Park
Training Venues	At venue (in designated warm-up area). An alternative options could include Geelong Sports Hub
General Compliance Rating	N/a (specific venue does not exist) <b><i>Subject to site identification and availability, compliance is assumed for the Games</i></b>

MAJOR ISSUES	REMEDIES	PERMANENT OR TEMPORARY OVERLAY
A compliant venue with adequate floor space and ceiling height to host the Artistic Gymnastics program	Develop a new indoor sports centre capable of hosting the Artistic Gymnastics program that can be converted to a community and elite sports centre post Games	Permanent
Provision of competition (FoP) flooring and apparatus	Install temporary floor and apparatus	Temporary overlay*
A venue that can meet the CGF specified spectator capacity requirements of 6,000	Install temporary spectator seating	Temporary overlay
The need for space adjacent the competition FoP for athlete warm-up facilities prior to competition. Birmingham Commonwealth Games area adjacent the FoP is c.2,600sqm	Develop as part of new indoor sports centre for Gymnastics program	Combined. Permanent building with temporary floor and apparatus

\*Equipment purchased and installed for Games period and then relocated to other permanent venues in the State

### NOTE:

***No existing regional venue has adequate floor area to cater for the Artistic Gymnastics program competition FoP, warm-up area, spectator seating requirements and ceiling height***



# GYMNASTICS – PROPOSED NEW INDOOR SPORTS CENTRE, GEELONG (NEW VENUE)

## ISSUES AND RECOMMENDATIONS (CONT)

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MAJOR ISSUES	REMEDIES	PERMANENT OR TEMPORARY OVERLAY
Requirement for most amenity across Spectators, Athletes Services, Officials & Operations, Medical, Broadcast & Media, Transport, Accreditation, Security, etc	Install as required. Overlay efficiencies should be achieved as a result of locating the venue at Kardinia Park, which also includes the Aquatics, Diving and Cricket programs (and Closing Ceremony)	Combined Some opportunity for permanent amenity as a legacy for community sport (such as changerooms)
Capacity to deliver works within the available timeframe	Commence planning immediately and adopt an accelerated delivery solution	N/a
Conversion of venue to community indoor sports facility and indoor elite level Australian Rules training facility post Games	Ensure venue design caters for post Games use and undertake conversion works post Games	Permanent
Site governance and access with parts of Kardinia Park overseen by the Kardinia Park Stadium Trust, and others under Committee of Management by the City of Greater Geelong	Commence negotiations between the State Government and Local Government	N/a

CAPITAL WORKS	INDICATIVE ESTIMATE (\$M)
Permanent	\$75 to \$100*

\*: Incorporates the development of a new venue of up to c.9,000sqm with large indoor column free spaces that can be used for community indoor sport and elite Australian Rules training post Games. Will require works post Games to convert into community and elite football indoor facility. Potentially at lower end of cost range

# GYMNASTICS – NEW INDOOR SPORTS CENTRE, GEELONG

## ASSESSMENT DETAIL – GENERAL INFORMATION

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### GENERAL INFORMATION

Venue Name:	TBC
Address:	Kardinia Park (exact site to be determined)
Geo Coordinates:	TBC
Governance:	TBC (possibly Kardinia Park Trust or City of Greater Geelong)
Existing Tenants:	N/a
Nature of Use:	N/a
Proposed Size:	TBC (proposed 7,500 – 9,000sqm)
General Description of Facilities:	Proposed large indoor column free facility that once converted post Games, will provide indoor court space and an indoor training environment for elite level Australian Rules

#### **KEY POINT:**

***At the time of writing, Kardinia Park had been identified by the State as the preferred precinct for the development a venue for the Gymnastics program, however a final site (within Kardinia Park is to be determined).***

# GYMNASTICS – NEW INDOOR SPORTS CENTRE, GEELONG

## ASSESSMENT DETAIL – PRECINCT COMPARISONS

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### Birmingham Commonwealth Games Venue: Utilita Arena Birmingham

- Competition (FoP) and seating area: c.5,800sqm (lower level)
- Additional warm-up space provided



Source: Sports Venue Business Website

### Gold Coast Commonwealth Games Venue: Coomera Indoor Sports Centre

- Competition (FoP) and seating area: c.5,500sqm
  - Additional warm-up space provided
  - Total seats: 7,500
- Source: City of Gold Coast Website



Source: The Conversation Website

#### **KEY POINT:**

***The Gymnastics competition area field of play requires a large open space area in excess of 2,000 sqm, plus additional area to accommodate seating, a large warm-up area and athlete, officials and broadcast services. No existing venue in regional Victoria currently has the capacity to meet this requirement, resulting in the need to develop a new facility.***





Source: Google Earth

*The development of a new indoor sports centre will require a site that can accommodate the key requirements needed to host the Gymnastics program including a competition zone, warm-up hall, spectator amenity and necessary athlete services along with a range of other event overlay.*

*For comparison purposes, the venue used for the 2018 Gold Coast Commonwealth Games provided an area for the Gymnastics program to accommodate FoP and seating requirements that was c.5,500sqm, with additional area provided for a warm-up hall and other amenity for athletes and officials, etc.*

*To facilitate the development the facility will require access to the Kardinia Park precinct.*

*While the diagram to the left demonstrates a possible site option (for a building footprint of up to c.9,000sqm), the exact location of the venue is still to be determined.*

*The final location and the optimal layout of the venue will need to be considered as part of broader master plan for Kardinia Park (in conjunction with other venues in the precinct including the proposed Kardinia Aquatic Centre and GMHBA Stadium) that considers both Commonwealth Games mode and post Commonwealth Games mode.*



# GYMNASTICS – NEW INDOOR SPORTS CENTRE, GEELONG

## ASSESSMENT DETAIL – FIELD OF PLAY, OTHER AMENITY AND MATTERS

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CGF / ISF REQUIREMENTS	FACILITY COMMENTARY	INDICATIVE IMPROVEMENT OPPORTUNITY
A competition FoP area measuring 60.0m x 34.0m (ISF)	N/a	Permanent building with temporary apparatus and flooring overlay
A minimum ceiling height of 10.0m. Note 12.0m to 14.0m is required for rhythmic gymnastics (ISF)		Permanent
ISF apparatuses and podiums requirements for men's and women's artistic gymnastics		Temporary overlay
Spectator capacity of 6,000 (CGF)		Temporary seating
Need for compliant lighting (1,500 lux)		Combined. Permanent lighting supplemented with temporary lighting
ISF requires a warm-up hall with a complete set of apparatus for men and women		Permanent building with temporary apparatus and flooring overlay

Source: International Gymnastics Federation Technical Regulations 2022  
Annex 3: 2026 Commonwealth Games Requirements



CGF / ISF REQUIREMENTS	FACILITY COMMENTARY	INDICATIVE IMPROVEMENT OPPORTUNITY
<p><b>Athlete Services:</b> A wide range of amenity for the Athletes, including team benches, changerooms, lounge, etc</p> <p><b>Officials &amp; Operations:</b> A wider range of amenity including areas for judges officials, delegates, VIPs, volunteers, and competition management, including specific spaces, offices, etc</p> <p><b>Medical:</b> dedicated spaces, including for doping control, first aid, etc</p> <p><b>Broadcast &amp; Media:</b> Media centre, media lounge, etc</p> <p><b>Other:</b> Sound system, scoreboard</p>	<p>Venue (to be designed and developed) is likely to have facilities to support Athlete Services, Officials and Operations, Medical and Broadcast, however will need to be supported by significant temporary overlay</p>	<p>Permanent works as a legacy for the community Temporary overlay for remainder (and most)</p>

OTHER LIKELY REQUIREMENTS	FACILITY COMMENTARY	INDICATIVE IMPROVEMENT OPPORTUNITY
<p>Transport hub for athletes, officials, etc</p>	<p>Access roads in place Likely need to use existing carpark network within Kardinia Park precinct</p>	<p>Temporary overlay</p>
<p>Transport hub for spectators</p>	<p>Access roads in place Likely need to use Moorabool Street and Kardinia Park carpark precinct c. 0.73km from nearest train station (South Geelong)</p>	<p>Temporary overlay Potential opportunity to use Creswick Road and Showgrounds</p>
<p>Accreditation</p>	<p>No suitable facilities</p>	<p>Temporary overlay</p>
<p>Security</p>		



POTENTIAL ISSUE	IMPLICATION
<b>Boundary:</b> Borders other sports facilities	Site governance and access to precinct will require negotiation with parts of Kardinia Park overseen by the Kardinia Park Stadium Trust, and others under Committee of Management by the City of Greater Geelong
<b>Disruption:</b> Multitude of community sport and recreational users	Kardinia Park has significant community use. Depending on the location of the proposed facility, there could be a range of community users displaced. This could include finding alternate facilities for displaced groups (such as the Kardinia Senior Citizens if that is impacted) Potential claims for compensation



**NOTE:**

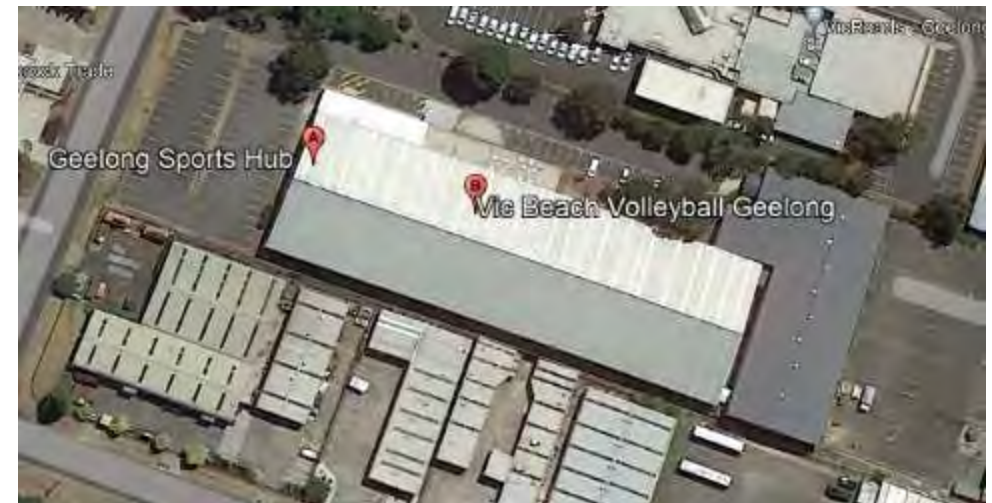
*An alternate training location may be required if a designated warm-up / training area can't be accommodated within the footprint of the proposed indoor sports centre to be located at Kardinia Park. Further sites will be investigated if required.*

### CGF / ISF REQUIREMENTS

Training Halls (or one Hall or area which can be segregated into separate Men's and Women's Artistic Training Halls) containing a full set of apparatus and corresponding matting plus for each, an additional; Balance Beam and Uneven Bars (WAG), Parallel Bars and Pommel Horse (MAG) is required. This can either be delivered through dual use of the Warm-Up Hall and FOP at the competition venue or at a separate Independent Training Venue

### VENUE NAME: GEELONG SPORTS HUB

Address:	1 Crown St, South Geelong
Geo Coordinates:	38.10003S; 144.220336E
Governance:	Unknown
Proximity to Competition Venue:	1.8km
Field of Play Provision:	Main hall comprises five basketball courts plus up to two other multipurpose courts volleyball courts
Amenity On-site:	Not specified
Indicative Improvement Opportunities:	Gymnastics overlay







# HOCKEY: STEAD PARK

# HOCKEY – STEAD PARK, GEELONG

## ISSUES AND RECOMMENDATIONS

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HIGHLIGHTS	
Facility Fit For Program:	The Hockey program should fit into Hockey 'area' of Stead Park. Regardless, there is significant 'overflow' opportunity in the remainder of the Stead Park precinct. There is a configuration issue on-site and a master planning exercise is recommended
Training Venue:	No compliant, third pitch presently available in Geelong
General Compliance Rating	Does not comply <b><i>Assuming the delivery of the facility is feasible (and necessary overly can be delivered), it is expected post works the venue would be compliant</i></b>

MAJOR ISSUES	REMEDIES	PERMANENT OR TEMPORARY OVERLAY
Hockey 'area' not configured suitably for an international event	Reconfigure site, and relocate pitches	Permanent
Non compliance of pitches on-site (note must be no older than 18 months at time of event)	Install two compliant pitches	Permanent
Need for compliant lighting	Install compliant lighting	Combined. Permanent 'club level' or above lighting, with temporary overlay lighting for broadcast
Requirement for most amenity across Spectators (to ideally get to a capacity of 4,000), Athletes Services, Officials & Operations, Medical, Broadcast & Media, Transport, Accreditation, Security, etc	Install as required	Combined. Some opportunity for permanent amenity as a legacy for community sport (such as changerooms / club rooms)
A third, compliant training pitch is not currently available in proximity to Stead Park	Install a compliant training pitch at another venue in the Geelong region, in reasonable proximity to Stead Park	Permanent
Significant disruption with reconfiguration / redevelopment of the site	N/a	N/a

CAPITAL WORKS	INDICATIVE ESTIMATE (\$M)
Permanent	[REDACTED]

\*: Incorporates a reconfiguration of the site, including the installation of two new compliant pitches (and a further compliant pitch elsewhere for training), some permanent lighting, and a rebuild of the changerooms and clubhouse. Potentially at the mid to higher end of cost range

# HOCKEY – STEAD PARK, GEELONG

## ASSESSMENT DETAIL – GENERAL INFORMATION

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### GENERAL INFORMATION

Venue Name:	Stead Park
Address:	John St, Corio, VIC, 3214
Geo Coordinates:	38.050014S; 144.215059E
Governance:	City of Greater Geelong
Existing Tenants:	Geelong Hockey Association Wider Stead Park precinct also incorporates softball, baseball, football (soccer)
Nature of Use:	Community and pathway hockey competitions and training, along with a range of community sport and active recreation in the wider precinct
Approximate Size of Precinct:	c. 50,000 sqm (hockey area) c. 230,000 sqm (entire precinct)
General Description of Facilities:	Two hybrid synthetic grass pitches with access to a clubhouse (approximately 680 sqm) Dimensions of fields are 90.4 x 55m Orientation is north/south Specific field surfaces are unknown



Source: Geelong Hockey Association



Source: Google Earth

# HOCKEY – STEAD PARK, GEELONG

## ASSESSMENT DETAIL – PRECINCT COMPARISONS

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### Stead Park (Hockey only)

- Perimeter: 964m
- Area: 50,184sqm

### Stead Park (entire precinct)

- Perimeter: 2,107m
- Area: 231,220sqm



Source: Google Earth

### State Netball & Hockey Centre (Parkville)

- Perimeter: 756m
- Area: 32,633sqm



Source: Google Earth

### Gold Coast Hockey Centre

- Perimeter: 1,500m
- Area: 100,781sqm

Source: Google Earth



Source: 2018 Commonwealth Games website



Source: austadiums.com.au

### **KEY POINT:**

***It is apparent, with necessary access, facilities and overlay, Stead Park has adequate space to host the Hockey program for the 2026 Games.***



# HOCKEY – STEAD PARK, GEELONG

## ASSESSMENT DETAIL – PRECINCT CONFIGURATION

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*While Stead Park appears to have adequate space to host the Hockey program for the 2026 Games, there are potential issues with the configuration of the Hockey 'area'. The diagram to the left demonstrates the close proximity of the two existing fields to each other, as well as the proximity of one of the fields to the car park, clubrooms and entrance.*

*As such it would appear that some reconfiguration of the Hockey 'area' of Stead Park would be necessary for the staging of the Hockey program. This could involve the relocation of BOTH existing fields to ensure adequate front of house and back of house amenity and other key CGF requirements. The changerooms / club rooms could also be relocated, or if not, redeveloped.*

*Any overflow space needs could then be accessed using the entire precinct if required.*

### **INDICATIVE DEVELOPMENT OPPORTUNITY:**

- 1. Reconfiguration of site, with relocation of pitches**
- 2. Redevelopment / refurbishment of changerooms / club rooms**

Source: Google Earth and DHW Ludus analysis

Note: The analysis isn't to scale and is indicative only. The site would require master planning for the 2026 Games, and for ongoing legacy

# HOCKEY – STEAD PARK, GEELONG

## ASSESSMENT DETAIL – FIELD OF PLAY

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CGF / ISF REQUIREMENTS	FACILITY COMMENTARY	INDICATIVE IMPROVEMENT OPPORTUNITY
A competition field (1) (ISF)	Yes	
Dimensions (91.40 x 55m)	Yes	
Run off		
Inner run off (3.0m)	Yes	
Outer run off (2.0m)	Unknown	
Operational margin (1.0)	Unknown	
Orientation (north / south)	Yes	
Surface (Global / Global TO)	Two hybrid synthetic grass pitches	Permanent: two compliant pitches (aligning to Hockey Victoria Strategic Plan aiming for more water-based pitches in the State)
Age (less than 18 months)	Unknown (but will need replacing before 2026)	As above
Lighting (TV1)	No	Temporary or permanent compliant lighting
A warm-up field (1) (ISF)		
Dimensions (91.40 x 55m)	Yes	
Run off		
Inner run off (3.0m)	Yes	
Outer run off (2.0m)	Unknown	
Operational margin (0.0)	Unknown	
Orientation (north / south)	Yes	
Surface (Global / Global TO)	Two hybrid synthetic grass pitches	As above for the competition pitch
Age (less than 18 months)	Unknown (but will need replacing before 2026)	As above
Lighting (Non-televised class II)	No	Temporary or permanent compliant lighting

Source: FIH Commonwealth Games Hockey Field Specifications & Technical Requirements | Event Requirements | Venue Specifications (three separate documents)  
Annex 3: 2026 Commonwealth Games Requirements



CGF / ISF REQUIREMENTS	FACILITY COMMENTARY	INDICATIVE IMPROVEMENT OPPORTUNITY
Spectator capacity of 4,000 (CGF)	Minimal, unsuitable spectator seats and amenity	Opportunity for small number of permanent seats for community sport Temporary seating overlay for remainder
<b>Athlete Services:</b> A wide range of amenity for the Athletes, including team benches, changerooms, recovery facilities, lounge, etc (ISF) <b>Officials &amp; Operations:</b> A wider range of amenity across officials, delegates, VIPs, volunteers, and competition management, including specific spaces, offices, etc (ISF) <b>Medical:</b> Dedicated spaces, including for doping control, first aid, etc (ISF)	Minimal, unsuitable facilities	Opportunity for some permanent works as a legacy for the sport Temporary overlay for remainder (and most)
<b>Broadcast &amp; Media:</b> Media centre, media lounge, etc (ISF) <b>Other:</b> Storage, scoreboard (ISF)	No suitable facilities	Temporary overlay
OTHER LIKELY REQUIREMENTS	FACILITY COMMENTARY	INDICATIVE IMPROVEMENT OPPORTUNITY
Transport hub for athletes, officials, etc	Access roads in place Could potentially be reconfigured for the event	Temporary overlay
Transport hub for spectators	Access roads in place c. 2.0km from nearest train station (North Shore) Would require car or bus access	Temporary overlay Potential opportunity to use remaining areas of Stead Park for parking
Accreditation	No suitable facilities	Temporary overlay
Security	No suitable facilities Size of precinct should ensure this is solvable	Temporary overlay



OTHER LIKELY REQUIREMENTS (CONT)	FACILITY COMMENTARY	INDICATIVE IMPROVEMENT OPPORTUNITY
Security	No suitable facilities Size of precinct should ensure this is solvable	Temporary overlay

POTENTIAL ISSUE	IMPLICATION
<b>Boundary:</b> Appears to border private residences and businesses	Potential community displacement Significant displacement given the proposed reconfiguration / redevelopment of the site
<b>Disruption:</b> Multitude of community sport and recreational users	Need to find alternate facilities for displaced groups (given Stead Park acts as the 'home' for Hockey in the region) Potential claims for compensation





### CGF / ISF REQUIREMENTS

In addition to the two pitches at the competition venue, an additional full-size training pitch is required, preferably co-located. Both training pitches must hold a current (time of the Games) FIH Global field certificate

### VENUE NAME: BANYUL-WARRI FIELDS

Address:	Kuwarrk Ln, Torquay
Geo Coordinates:	38.182319S; 144.192333E
Governance:	Surf Coast Shire Council
Proximity to Competition Venue:	36.1km
Field of Play Provision:	Existing grass hockey pitch with six existing light towers, adjacent to soccer pitch, outdoor netball courts and apparent vacant land
Amenity On-site:	Two football / cricket ovals; pavilion; Surf Coast Shire Council offices
Indicative Improvement Opportunities:	Re-surfacing (including necessary water/ drainage systems); lighting; potential site reconfiguration for parking/ bus access. It is noted that Surf Coast Shire Council has developed a <a href="#">Business Case</a> for a multiuse synthetic facility (primarily for hockey) to be developed in the vacant land in the north-east corner of the site, however, the proposed specifications are not to international standard



# HOCKEY – STEAD PARK, GEELONG

## ASSESSMENT DETAIL – TRAINING FACILITIES (CONT)

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### VENUE NAME: PRESIDENT'S PARK

Address:	Wyndham Vale
Geo Coordinates:	37.525508S; 144.38275E
Governance:	Wyndham City
Proximity to Competition Venue:	37.3km
Field of Play Provision:	Synthetic hockey pitch (not water based) with eight light towers; two adjacent quarter hockey pitches
Amenity On-site:	Pavilion; car parking; facility forms part of a larger community multi sport/ recreational hub
Indicative Improvement Opportunities:	Re-surfacing (including necessary water/ drainage systems); lighting It is noted that Wyndham City is planning major upgrades to the facility and surrounds, including construction of a second hockey pitch and upgrades to the existing pavilion



# HOCKEY – STEAD PARK, GEELONG

## ASSESSMENT DETAIL – TRAINING FACILITIES (CONT)

**CONFIDENTIAL  
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### VENUE NAME: GEELONG GRAMMAR SCHOOL

Address:	50 Biddicombe Avenue, Corio
Geo Coordinates:	L38.041270S; 144.235574E
Governance:	Independent school
Proximity to Competition Venue:	4.4km
Field of Play Provision:	Synthetic hockey pitch (not water based); configured and marked for multi-use hockey and tennis; eight existing light towers
Amenity On-site:	School campus; other relevant facilities on-site include Handbury Centre for Wellbeing (adjacent) which includes an indoor pool, fitness centre and sports hall; parking and athlete drop off next to pitch
Indicative Improvement Opportunities:	Re-surfacing (including necessary water/ drainage systems);





# HOCKEY – STEAD PARK, GEELONG

## ASSESSMENT DETAIL – TRAINING FACILITIES (CONT)

**CONFIDENTIAL  
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### VENUE NAME: THE GEELONG COLLEGE – SENIOR SCHOOL

Address:	20 Talbot St, Newtown
Geo Coordinates:	38.090389S; 144.195234E
Governance:	Independent school
Proximity to Competition Venue:	9.9km
Field of Play Provision:	Synthetic hockey pitch (not water based); configured and marked for multi-use hockey and tennis
Amenity On-site:	School campus; other relevant facilities on-site include Swimming pool; proximity of toilets/ changerooms to hockey facilities not specified
Indicative Improvement Opportunities:	Re-surfacing (including necessary water/ drainage systems)



***It is noted that King's Lloyd Recreation Reserve (Windsor Road, Newtown) consists of a grass field, currently utilised for hockey by the Newtown City Hockey Club (co-tenanted with a cricket and touch football club). This location could have potential as a purpose-built hockey facility suitable for use as a training venue***





# LAWN BOWLS: BENDIGO BOWLS CLUB

# LAWN BOWLS – BENDIGO BOWLS CLUB

## ISSUES AND RECOMMENDATIONS

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### HIGHLIGHTS

Facility Fit For Program:	The Lawn Bowls program <b>WILL NOT</b> fit into Bendigo Bowl Club as the site is very constrained and its configuration is not ideal for a major event. In order to achieve the desired spectator capacity, access to the broader precinct is likely to be required (including some or all of the adjacent tennis club, croquet club and carpark area of the neighbouring aquatics facility)
Training Venues	At venue. Alternative training venue at Bendigo East Bowling Club (if required)
General Compliance Rating	Does not comply. <b>Assuming the delivery of the necessary overlay at the facility is feasible, and surrounding land is accessible, it is expected post works the venue would be compliant</b>

MAJOR ISSUES	REMEDIES	PERMANENT OR TEMPORARY OVERLAY
Bowling greens not configured efficiently for an international event	None	N/a
Need for compliant bowls greens for international competition (surface, ditch and bank heights)	Undertake renovation works on greens as required	Permanent
Need for spectator seating to meet CGF spectator capacity requirements of 2,000	Install temporary spectator seating (using tennis club, croquet club and carpark areas). Initial assessment indicates minimum spectator requirements should be achievable using broader precinct	Temporary overlay
Need for compliant lighting	Install compliant lighting	Combined. Some opportunity for permanent amenity as a legacy for community sport
Requirement for most amenity across Spectators, Athletes Services, Officials & Operations, Medical, Broadcast & Media, Transport, Accreditation, Security, etc	Install as required	Combined. Some opportunity for permanent amenity as a legacy for community sport
Impact on lawn tennis courts and croquet club green from event overlay and spectator circulation	Restorative works on lawn tennis courts and croquet green post games	Temporary overlay

CAPITAL WORKS	INDICATIVE ESTIMATE (\$M)
Permanent	[REDACTED]

\*: Incorporates upgrade works to all bowling greens, lighting lux level upgrades and improvement of amenity such as clubhouse, changerooms, etc. Assumes broader building compliance works are not triggered. Potentially at lower end of cost range



# LAWN BOWLS – BENDIGO BOWLS CLUB

## ASSESSMENT DETAIL – GENERAL INFORMATION

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### GENERAL INFORMATION

Venue Name:	Bendigo Bowls Club
Address:	169-183 Barnard St, Bendigo, VIC, 3550
Geo Coordinates:	36.753888S; 144.278443E
Governance:	Unknown
Existing Tenants:	Bendigo Bowls Club Adjoining precincts include croquet club, tennis club, dance studio and aquatic centre
Nature of Use:	Competition and social lawn bowls, along with other community sport use in the wider precinct
Approximate Size of Precinct:	Area: c. 9,450 sqm (bowls area) Area: c. 31,100m (entire precinct)
General Description of Facilities:	The Bendigo Bowls Club hosts pennant, social and bare foot bowls. The venue has four greens and a club house (approximately 920 sqm). Dimensions of greens are within compliant range of 31.0m and 40.0m. Specific green dimensions i.e. bank and ditch heights are unknown.



Source: Google Street View



Source: Google Earth



# LAWN BOWLS – BENDIGO BOWLS CLUB

## ASSESSMENT DETAIL – PRECINCT COMPARISONS

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### Bendigo Bowls Club (lawn bowls only)

- Perimeter: c.480m
- Area: c.9,450sqm

### Entire precinct (including tennis and croquet)

- Perimeter: c.715m
- Area: c.31,100sqm

Source: Google Earth



Source: Google Earth

### Melbourne 2006 Commonwealth Games Venue: State Lawn Bowls Centre (Darebin)

- Perimeter: c.630m
- Area: c.20,300sqm

Source: Google Earth



Source: Google Earth

### Gold Coast Commonwealth Games Venue: Broadbeach Lawn Bowls Club

- Perimeter: c.790m
- Area: c.25,850sqm

Source: Google Earth



Source: BBC website

### **KEY POINT:**

***While field of play provision appears adequate, the site is very constrained and will require use of additional areas within the precinct for spectator and back of house requirements to host the Lawn Bowls program for the 2026 Games.***



# LAWN BOWLS – BENDIGO BOWLS CLUB

## ASSESSMENT DETAIL – PRECINCT CONFIGURATION

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*While the Bendigo Bowls Club has adequate greens to host the Lawn Bowls competition, its footprint is constrained and will require the use of the broader precinct to deliver all the event requirements.*

*While the diagram to the left demonstrates it is possible for the venue to provide the required green provision, it also demonstrates the need to access adjacent areas, including the tennis club and croquet club to deliver the required spectator amenity.*

Source: Google Earth and DHW Ludus Analysis

Note: The analysis isn't to scale and is indicative only. The site would require master planning for the 2026 Games



CGF / ISF REQUIREMENTS	FACILITY COMMENTARY	INDICATIVE IMPROVEMENT OPPORTUNITY
No specified number of greens as subject to the sport program. Melbourne and Gold Cost Commonwealth Games had three competition greens	Three greens available for competition	See below (Surface)
ISF required dimensions for competition greens are 31.0m x 40.0m	Yes – all greens dimensions are within compliant range	N/a
ISF required ditch and bank heights	Unknown. To be verified	Upgrade as required
Surface (natural grass)	Yes	Upgrade / refurbishment of green surfaces as required
Lighting (broadcast standard)	Unknown. Install temporary overlay as required	Temporary or permanent compliant lighting
No specified number of warm-up greens as subject to the sport program. Melbourne and Gold Coast Commonwealth Games had one warm-up green	Yes – a green is available with dimensions within the compliant range	Upgrade as required
CGF specified spectator capacity of 2,000	No suitable permanent spectator seats and amenity	Temporary seating overlay with estimated seating opportunity to meet minimum spectator requirement of 2,000

Source: World Bowls Laws of the Sport  
Annex 3: 2026 Commonwealth Games Requirements

# LAWN BOWLS – BENDIGO BOWLS CLUB

## ASSESSMENT DETAIL – FIELD OF PLAY, OTHER AMENITY AND MATTERS (CONT)

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CGF / ISF REQUIREMENTS	FACILITY COMMENTARY	INDICATIVE IMPROVEMENT OPPORTUNITY
<b>Athlete Services:</b> A wide range of amenity for the Athletes, including team benches, changerooms, lounge, etc	Existing clubhouse, however likely larger footprint is required to provide all necessary services	Opportunity for some permanent works as a legacy for the sport / club Temporary overlay for remainder (and most)
<b>Officials &amp; Operations:</b> A wider range of amenity across officials, delegates, VIPs, volunteers, and competition management, including specific spaces, offices, etc		Opportunity for some permanent works as a legacy for the sport / club Temporary overlay for remainder (and most) or use of other buildings in the surrounding precinct. i.e. Tom Flood oval or adjacent theatre venue
<b>Medical:</b> Dedicated spaces, including for doping control, first aid, etc	Minimal, unsuitable facilities	Opportunity for some permanent works as a legacy for the sport / club Temporary overlay for remainder (and most)
<b>Broadcast &amp; Media:</b> Media centre, media lounge, etc	No suitable facilities	Temporary overlay
<b>Other:</b> Storage, scoreboard		
OTHER LIKELY REQUIREMENTS	FACILITY COMMENTARY	INDICATIVE IMPROVEMENT OPPORTUNITY
Transport hub for athletes, officials, etc	Access roads in place Likely need to use tennis club carpark for the event	Temporary overlay
Transport hub for spectators	Access roads in place c. 1.6km from nearest train station (Bendigo) Would require car or bus access. Likely need to use Aquatic Centre carpark or Tom Flood oval as transport hub	
Accreditation	No suitable facilities	
Security		

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POTENTIAL ISSUE	IMPLICATION
<b>Boundary:</b> Borders other sports facilities and businesses	Community displacement due to likely use of broader precinct for the Games
<b>Disruption:</b> Multitude of community sport and recreational users	Significant displacement of existing user groups including private dance studio Need to find alternate facilities for displaced groups (including tennis and croquet clubs) Potential claims for compensation including from private dance studio

**TRAINING VENUES NOTE:**  
*It is assumed that practice and warm-up facilities for the Lawn Bowls program at the 2026 Commonwealth Games can be accommodated on-site at the Bendigo Bowls Club, however an alternative site has been identified (see over page) if greater flexibility is required.*





**CGF / ISF REQUIREMENTS**

CGF requirements indicated Lawn Bowls training can be conducted at the competition venue; however, an additional venue would provide greater flexibility

**VENUE NAME: BENDIGO EAST BOWLING CLUB**

Address:	33 Lansell Street, East Bendigo
Geo Coordinates:	36.451629S; 144.174490E
Governance:	Unknown
Proximity to Competition Venue:	3.3km
Field of Play Provision:	Three natural grass bowling greens; one green includes overhead suspended lighting
Amenity On-site:	Clubhouse including lounge area, bar, large function room with a commercial kitchen capable of hosting up to 200 people; shade shelters around all greens; small car park; adjacent to Bendigo East (outdoor) swimming pool (although this is a separately governed facility)
Indicative Improvement Opportunities:	Unknown





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# MARATHON: BALLARAT



HIGHLIGHTS	
Facility Fit For Program:	Specified course and start and finish location is yet to be determined. The Marathon competition will require access to a course 42.195km in length on sealed roads. It is assumed a course can be catered for in Ballarat for the 2026 Games
Training Venue:	Scheduled on-course training / familiarisation to be provided. Access to an athletics training track. Assumed Llanberris Athletics Reserve can provide the necessary amenity
General Compliance Rating	N/a (specific course is unknown, and regardless, no permanent facilities suggested for Marathon) <b><i>Subject to course identification and availability, compliance is assumed for the Games</i></b>

MAJOR ISSUES	REMEDIES	PERMANENT OR TEMPORARY OVERLAY
A designated start and finish point for the event (it is assumed it does not utilise the stadium)	Install temporary overlay as required	Temporary overlay
Need to meet CGF specified spectator capacity requirements of 500 at finish line	Install temporary seating as required	Temporary overlay
Address impact on surrounding open space from event overlay	Restorative works on any open space impacted	Temporary overlay
Requirement for most amenity across Spectators, Athletes Services, Officials & Operations, Medical, Broadcast & Media, Transport, Accreditation, Security, etc	Install as required	Temporary overlay
Likely disruption across the course for the event	Detailed planning and consultation with key stakeholders, such as Local Government	N/a

CAPITAL WORKS	INDICATIVE ESTIMATE (\$M)
Permanent	\$0*

\*No permanent infrastructure proposed. To be delivered using temporary overlay.

# MARATHON – BALLARAT

## ASSESSMENT DETAIL – GENERAL INFORMATION

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### GENERAL INFORMATION

Venue Name:	Ballarat – Course to be determined
Address:	TBC
Geo Coordinates:	TBC
Governance:	TBC
Existing Tenants:	TBC
Nature of Use:	TBC
Approximate Size of Precinct:	TBC
General Description of Facilities:	TBC

**KEY POINT:**

***At the time of writing, no specific course has been identified by the State for the Marathon program at the 2026 Games.***





CGF / ISF REQUIREMENTS	FACILITY COMMENTARY	INDICATIVE IMPROVEMENT OPPORTUNITY
ISF compliant Marathon Course, 42.195km in length on made-up roads (or where required on a bicycle path or footpath alongside the road). The start and finish may be within the athletics FoP, however not a requirement	Course to be designed	Temporary overlay
Spectator capacity of 500 (finish line)	Assume non-stadium finish. Likely to require temporary seats	
<b>Athlete Services:</b> A wide range of amenity for the Athletes, including start areas, finish areas, changerooms, etc	Unknown. Likely to be temporary and / or draw upon existing amenity in proximity to the event course	
<b>Officials &amp; Operations:</b> A wider range of amenity across officials, delegates, VIPs, volunteers, and competition management, accreditation, etc)		
<b>Medical:</b> Dedicated spaces, including for doping control, first aid, etc		
<b>Broadcast &amp; Media:</b> Media centre		
<b>Other:</b> Storage and possible live sites		
OTHER LIKELY REQUIREMENTS	FACILITY COMMENTARY	INDICATIVE IMPROVEMENT OPPORTUNITY
Transport hub for athletes, officials, etc	Unknown. Likely to be temporary and / or draw upon existing amenity in proximity to the event course	Temporary overlay
Transport hub for spectators		
Accreditation		
Security		

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POTENTIAL ISSUE	IMPLICATION
<b>Boundary:</b> Likely to cross multiple boundaries	Potential community displacement due to length of course and the need for significant road closures
<b>Disruption:</b> Multitude (public and business)	Significant community disruption and potential business impact Potential claims for compensation



**CGF / ISF REQUIREMENTS**

1 x 6-lane 400m track is required. Preferably should be located in close proximity to the competition venue / athlete village.

**VENUE NAME: LLANBERRIS ATHLETICS RESERVE**

Address:	York Street Ballarat East
Geo Coordinates:	37.341187S; 143.515995E
Governance:	Ballarat Regional Athletics Centre Board
Proximity to Competition Venue:	Unknown
Field of Play Provision:	“IAAF approved athletics track,” consisting: 10 lanes on the front and back straight and nine circular lanes, four Long and Triple Jump pits, two Shot Put areas, two Discus throwing areas, two Javelin throwing areas, grass infield; four existing light towers
Amenity On-site:	Two grandstand areas; an office building; one other building (The Stuart Hunter building – amenity/ function not specified)
Indicative Improvement Opportunities:	Re-surfacing of tracks to match competition venue



Source: Google Earth



# NETBALL – TRADITIONAL AND FAST 5: BENDIGO STADIUM



# NETBALL (TRADITIONAL AND FAST 5) – BENDIGO STADIUM

## ISSUES AND RECOMMENDATIONS

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HIGHLIGHTS	
Facility Fit For Program:	The Netball programs (Traditional and Fast 5) should fit in Bendigo Stadium, noting the potential spectator limitations for the Show Court and the need for a temporary compliant warm-up court and the possible need for additional training courts
Training Venues	Potentially at venue (subject to compliance requirements for netball training courts) or at an alternative venue (school or university)
General Compliance Rating	Does not comply. <b><i>Assuming the lower capacity for finals is acceptable to the CGF and / or ISF (and necessary overlay can be delivered), it is expected post works the venue would be compliant</i></b>

MAJOR ISSUES	REMEDIES	PERMANENT OR TEMPORARY OVERLAY
The capacity of the competition court to meet the CGF spectator capacity requirements of 2,500 – 8,000 (for finals)	Show Court has a spectator capacity for 4,000 and does not have the capacity to be increased to 8,000	N/a
Fast 5 format competition court requires an additional semi circle of 3.5m radius inside goal circle for	Install temporary court decal	Temporary overlay
Ensuring court surface is of an appropriate standard for international competition	Recondition courts as required prior to Games	Permanent
Need for compliant warm-up netball court	Install temporary netball court on existing basketball courts to ensure adequate runoff	Temporary overlay
Need for compliant lighting	Current lighting lux levels are unknown. May require upgrade for competition, warm-up and training courts	Combined
Requirement for most amenity across Spectators, Athletes Services, Officials & Operations, Medical, Broadcast & Media, Transport, Accreditation, Security, etc	Install as required	Combined. Some opportunity for permanent amenity as a legacy for community sport (such as changerooms)

CAPITAL WORKS	INDICATIVE ESTIMATE (\$M)
Permanent	[REDACTED]

\*: Incorporates minor works to recondition courts (including potentially outside of Bendigo Stadium if additional courts are required), upgrade light lux levels and undertake improvement of amenity such as changerooms, etc. Assumes broader building compliance works are not triggered. Potentially at lower end of cost range

# NETBALL (TRADITIONAL AND FAST 5) – BENDIGO STADIUM

## ASSESSMENT DETAIL – GENERAL INFORMATION

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GENERAL INFORMATION	
Venue Name:	Bendigo Stadium
Address:	91 Inglis Street, West Bendigo, VIC, 3550
Geo Coordinates:	36.759270S; 144.248200E
Governance:	City of Greater Bendigo
Existing Tenants:	<ul style="list-style-type: none"> <li>• Bendigo Braves (NBL1 South)</li> <li>• Bendigo Spirit (WNBL)</li> <li>• Golden City Netball Association</li> <li>• Bendigo Volleyball Association</li> </ul>
Nature of Use:	Community and pathway sporting competitions with the ability to host games for national and international sporting competition games (court based) and events such as boxing, concerts, performances, etc
Approximate Size of Precinct:	Precinct Perimeter: c. 1,400m Precinct Area: c. 86,600sqm
General Description of Facilities:	Bendigo Stadium is a regional indoor venue with 10 indoor courts including a show court with a seating capacity of 4,000 and 12 outdoor netball courts. The site has a range of supporting infrastructure, including changerooms, function rooms, café area and significant carparking areas



Source: Bendigo Stadium website



Source: Google Earth



# NETBALL (TRADITIONAL AND FAST 5) – BENDIGO STADIUM

## ASSESSMENT DETAIL – PRECINCT COMPARISONS

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### Bendigo Stadium

- Precinct Perimeter: c. 1,400m
  - Precinct Area: c. 86,600sqm
  - 10 indoor courts including a 4,000 seat Show Court
- Source: Google Earth



Source: Google Earth

### Melbourne Commonwealth Games Venues: State Netball and Hockey Centre

- Precinct Perimeter: 1,350m
  - Precinct Area: 93,000sqm
  - Five courts including 3,000 seat Show Court
- Source: Google Earth



Source: Google Earth

### John Cain Arena

- Precinct Perimeter: c.850m
- Precinct Area: c.38,000sqm
- Show Court: 10,500 seat capacity



Source: Google Earth

### Gold Coast Commonwealth Games Venues:

#### Gold Coast Convention and Exhibition Centre (Pool Games)

- Perimeter: 650m
- Area: c.25,500sqm

#### Coomera Indoor Sports Centre (Finals)

- Precinct Perimeter: c.850m
  - Precinct Area: c. 38,000sqm
- Source: Google Earth



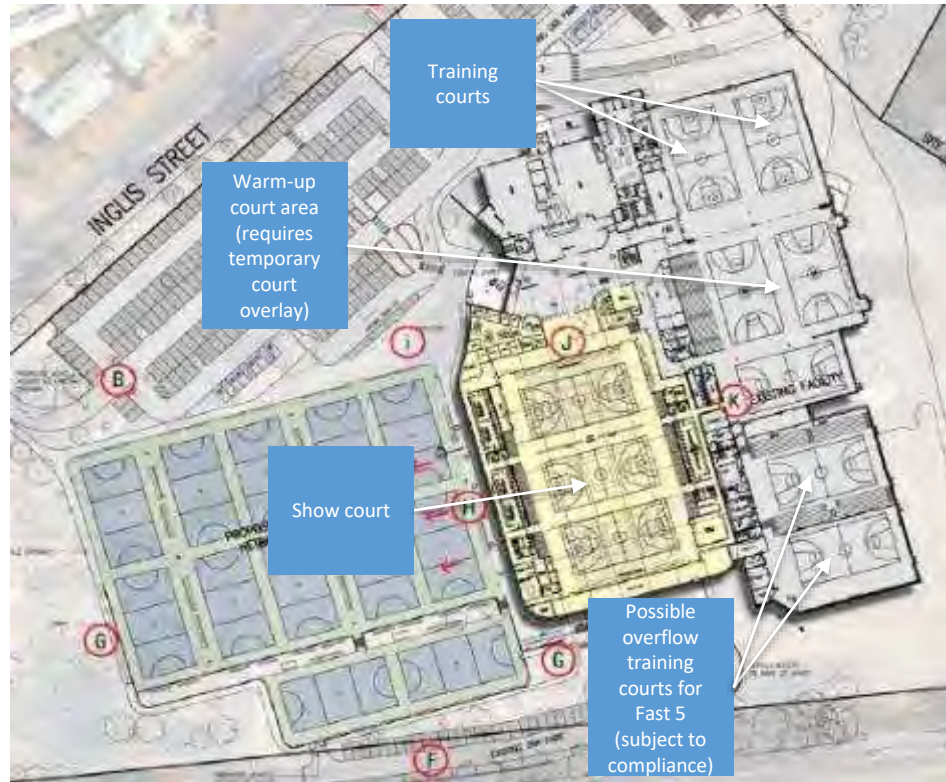
Source: International Netball Federation Website

### **KEY POINT:**

***Bendigo Stadium, with the necessary overlay and access to the broader precinct, has adequate space to host the Netball program (Traditional and Fast 5) for the 2026 Games.***

# NETBALL (TRADITIONAL AND FAST 5) – BENDIGO STADIUM ASSESSMENT DETAIL – PRECINCT CONFIGURATION

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Source: Bendigo Stadium Town Planning Submission and DHW Ludus Analysis

*While Bendigo Stadium has ten indoor courts, not all appear to be compliant netball courts (to be verified). Combining the Traditional and Fast 5 Netball programs to a single venue potentially results in limited compliant training courts onsite. This is likely to impact Fast 5 to a greater extent as based on current scheduling prepared by MI, it follows the Traditional Netball program.*

*While the diagram to the left demonstrates it is possible for Bendigo Stadium to provide the required court provision for the event, the courts proposed as 'overflow training courts' may not be compliant and could result in an offsite venue being required.*



# NETBALL (TRADITIONAL AND FAST 5) – BENDIGO STADIUM

## ASSESSMENT DETAIL – FIELD OF PLAY, OTHER AMENITY AND MATTERS

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CGF / ISF REQUIREMENTS	FACILITY COMMENTARY	INDICATIVE IMPROVEMENT OPPORTUNITY
ISF required court dimensions (competition, warm-up and training courts) are 30.5m x 15.25m plus 3.05m runoff on all sides (36.6m x 21.35m)	Existing Show Court and training courts have compliant dimensions. A temporary warm-up court will be required	Install temporary court decals for Fast 5 format following the completion of the Traditional program
ISF requires a minimum of one competition court required for sports program	Use existing Show Court	Permanent. May require court surface refurbishment
ISF requires a minimum of one warm-up court required for sports program	Use existing basketball court area with temporary netball court overlay	Install temporary court overlay
CGF requires two full size training courts preferably co-located required for sports program	Use existing indoor netball courts. May require additional training courts to service Fast 5 prior to commencement (to provide two training courts for each discipline), subject to court compliance being verified	Permanent. May require court surface refurbishment
Minimum ceiling height of 8.3m	Show Court exceeds the minimum requirement. Warm-up and training courts ceiling heights to be verified	N/a
Specified CGF spectator capacity is 2,500 - 8,000 (finals)	Show Court provides 4,000 spectator seats (below CGF expectation)	None
Need for compliant lighting for competition court is 1,500 lux and 800 lux for warm-up courts	Existing broadcast lighting at Bendigo Stadium is unknown and may need to be upgraded	Temporary or permanent compliant lighting

Source: 2026 Commonwealth Games Operations Appendix H: Venue Specifications & Equipment Requirements  
 INF Event & Commercial Operations Appendix H: Venue Specifications & Equipment Requirements  
 INF Rules of Fast 5 Netball  
 Annex 3: 2026 Commonwealth Games Requirements

# NETBALL (TRADITIONAL AND FAST 5) – BENDIGO STADIUM

## ASSESSMENT DETAIL – FIELD OF PLAY, OTHER AMENITY AND MATTERS (CONT)

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CGF / ISF REQUIREMENTS	FACILITY COMMENTARY	INDICATIVE IMPROVEMENT OPPORTUNITY
<b>Athlete Services:</b> A wide range of amenity for the Athletes, including team benches, changerooms, lounge, etc	Existing facilities including change facilities, however would require expanded footprint to meet full requirements of athlete services	Opportunity for some permanent works as a legacy for the community Temporary overlay for remainder (and most)
<b>Officials &amp; Operations:</b> A wider range of amenity across officials, delegates, VIPs, volunteers, and competition management, including specific spaces, offices, etc	Minimal, would require expanded footprint to meet full requirement of officials and operations	
<b>Medical:</b> Dedicated spaces, including for doping control, first aid, etc	Minimal, unsuitable facilities	
<b>Broadcast &amp; Media:</b> Media centre, media lounge, etc	Existing facilities, however likely to required expanded footprint	Temporary overlay
<b>Other:</b> Storage, scoreboard	Storage unknown. Venue has Jumbotron videoboard	

OTHER LIKELY REQUIREMENTS	FACILITY COMMENTARY	INDICATIVE IMPROVEMENT OPPORTUNITY
Transport hub for athletes, officials, etc	Access roads in place Likely use of car park off Inglis Street or via entrance of Marong Road as drop off point	Temporary overlay
Transport hub for spectators	Access roads in place Likely need to use of front car park off Inglis Street. c. 4.0km from nearest train station (Bendigo or Kangaroo Flat) Would require car or bus access.	Temporary overlay Potential opportunity to use Inglis Street Car park as drop off point
Accreditation	No suitable facilities	Temporary overlay
Security	No suitable facilities	



POTENTIAL ISSUE	IMPLICATION
<b>Boundary:</b> Borders residential area	May cause disruption to adjacent residential area
<b>Disruption:</b> Multitude of community sport and recreational users	Community sport displacement Need to find alternate facilities for displaced groups Potential claims for compensation

**TRAINING VENUES NOTE:**  
*It is assumed that practice and warm-up facilities for the Netball (Traditional and Fast 5) program at the 2026 Commonwealth Games can be accommodated on-site at the Bendigo Stadium (subject to court compliance requirements). Alternative venues have been identified (see subsequent pages) if required, noting court compliance at these venues needs to be verified.*

# NETBALL (TRADITIONAL AND FAST 5) – BENDIGO STADIUM

## ASSESSMENT DETAIL – TRAINING FACILITIES

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### CGF / ISF REQUIREMENTS

Two full-size Netball courts (preferably co-located) should be provided for training. For the purposes of this assessment, DHW Ludus has assumed two specific training courts will need to be provided for each of Traditional Netball and Fast 5 Netball.

### VENUE NAME: GIRTON GRAMMAR SCHOOL

Address:	83-119 MacKenzie St, Bendigo
Geo Coordinates:	36.451220S; 144.162448E
Governance:	Independent school
Proximity to Competition Venue:	2.7km
Field of Play Provision:	Gymnasium featuring two full size basketball courts with wooden floor, three rows of terraced seating down one side and an elevated (glassed) viewing area; exact dimensions not specified
Amenity On-site:	School campus; gymnasium facility featuring weights room and two classrooms in addition to the courts
Indicative Improvement Opportunities:	Unknown. Potential resurfacing or temporary court overlay





# NETBALL (TRADITIONAL AND FAST 5) – BENDIGO STADIUM

## ASSESSMENT DETAIL – TRAINING FACILITIES (CONT)

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### VENUE NAME: CATHERINE MCAULEY COLLEGE (ST MARY'S CAMPUS)

Address:	164 Barkly Street, Bendigo
Geo Coordinates:	36.752401S; 144.273651E
Governance:	Independent school
Proximity to Competition Venue:	4.3km
Field of Play Provision:	Double court gymnasium in the school's Marian Centre; Court surface does not appear to be compliant and other specifications (size, run-off, etc.) are not specified
Amenity On-site:	School campus; Other relevant facilities include a fitness centre
Indicative Improvement Opportunities:	Unknown. Potential resurfacing or temporary court overlay



### VENUE NAME: BENDIGO SENIOR SECONDARY COLLEGE

Address:	Gaol Road Bendigo
Geo Coordinates:	36.451858S; 144.164796E
Governance:	Government school (State Government)
Proximity to Competition Venue:	3.5km
Field of Play Provision:	Gymnasium featuring multipurpose indoor courts with wooden flooring; mezzanine floor; number of courts and dimensions not specified
Amenity On-site:	School campus; other relevant facilities include gymnasium and weights room
Indicative Improvement Opportunities:	Unknown. Potential resurfacing or temporary court overlay



# NETBALL (TRADITIONAL AND FAST 5) – BENDIGO STADIUM

## ASSESSMENT DETAIL – TRAINING FACILITIES (CONT)

**CONFIDENTIAL  
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### VENUE NAME: LATROBE UNIVERSITY (BENDIGO CAMPUS)

Address:	Edwards Rd, Flora Hill VIC 3552
Geo Coordinates:	36.463943S; 144.180443E
Governance:	Latrobe University
Proximity to Competition Venue:	8.9km
Field of Play Provision:	Single court gymnasium court in the university's sports centre; court specifications (size, run-off, etc.) are not specified
Amenity On-site:	University campus; Other relevant facilities include a pool and fitness centre
Indicative Improvement Opportunities:	Unknown. Potential resurfacing or temporary court overlay



### VENUE NAME: BENDIGO SOUTH EAST COLLEGE

Address:	56 Ellis Street, Flora Hill, Victoria, 3550
Geo Coordinates:	36.463787S; 144.175283E
Governance:	Government school (State Government)
Proximity to Competition Venue:	8.5km
Field of Play Provision:	Three court gymnasium; court specifications (size, run-off, etc.) are not specified
Amenity On-site:	School campus; Other relevant facilities including an athlete hub
Indicative Improvement Opportunities:	Unknown. Potential resurfacing or temporary court overlay





# ROWING: NAGAMBIE LAKES REGATTA CENTRE





**HIGHLIGHTS**

Facility Fit For Program:	The Rowing program can fit into the available land area at Nagambie Lakes Regatta Centre, however the potential compliance issues relating to the competition course will need to be accepted as the current course may not be able to achieve the required width and depth, may have shorter runoffs and does not have the capacity for vehicle access along the full length of the course
General Compliance Rating:	Does not comply <b><i>Assuming the course limitations are acceptable to the CGF and / or ISF (and necessary overly can be delivered), it is expected post works the venue would be able to host the program</i></b>

MAJOR ISSUES	REMEDIES	PERMANENT OR TEMPORARY OVERLAY
Need for a compliant course, as existing course length (with existing runoffs), width and depth are currently unlikely to meet the required regulations (to be verified)	Dredging to achieve appropriate competition course depth and to maximise course length~. Dispensation maybe needed if width requirements need to meet Olympic Games or World Rowing event standards	Permanent
Need for vehicle access along edge of full course length	Install access road along bank on edge of course where possible, noting it is not possible along the full length of the course	Permanent. Opportunity for permanent road infrastructure where possible
Need for compliant finish tower with appropriate amenity	Upgrade or develop new finish tower	Permanent. Opportunity for permanent upgrade as a legacy for sport
Need for compliant boathouse area (up to 10,000sqm)	Install as required	Combined. Largely temporary overlay with some opportunity for permanent amenity

~Subject to any environmental regulations



# ROWING – NAGAMBIE LAKES REGATTA CENTRE

## ISSUES AND RECOMMENDATIONS (CONT)

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MAJOR ISSUES	REMEDIES	PERMANENT OR TEMPORARY OVERLAY
Need for spectator seating to meet spectator capacity requirements (no CGF specified seating capacity, with Tokyo Olympic venue providing 14,000 seats)	Install as required	Temporary overlay
Requirement for most amenity across Spectators, Athletes Services, Officials & Operations, Medical, Broadcast & Media, Transport, Accreditation, Security, etc.	Install as required	Combined. Some opportunity for permanent amenity as a legacy for sport (such as upgraded finishing tower – see above)

CAPITAL WORKS	INDICATIVE ESTIMATE (\$M)
Permanent	Up to \$25

\*: Incorporates dredging works, upgrading or redeveloping finish tower, establishing vehicle access along course bank (where possible) and improving amenity such as changerooms and boathouse, etc. Potentially at upper end of cost range

# ROWING – NAGAMBIE LAKES REGATTA CENTRE

## ASSESSMENT DETAIL – GENERAL INFORMATION

**CONFIDENTIAL  
DRAFT FOR DISCUSSION**

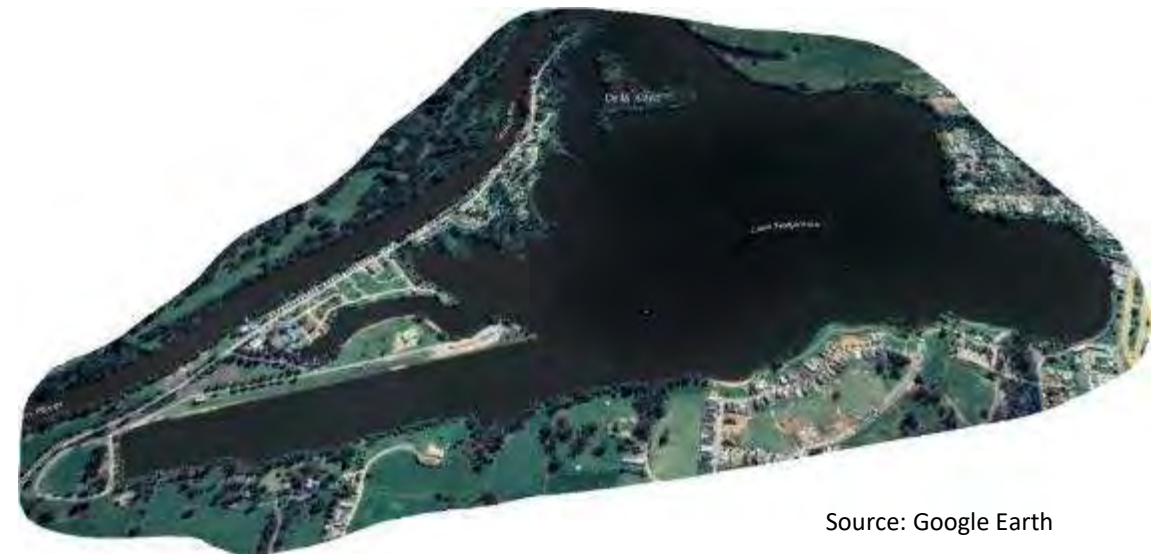


### GENERAL INFORMATION

Venue Name:	Lake Nagambie (Nagambie Lakes Regatta Centre)
Address:	66 Loddings Lane, Nagambie, VIC, 3608
Geo Coordinates:	36.788828S; 145.127334E
Governance:	Strathbogie Shire Council
Existing Tenants:	<ul style="list-style-type: none"> <li>• Nagambie Rowing Club</li> <li>• Rowing Victoria</li> <li>• Recreational paddlers</li> </ul>
Nature of Use:	National, pathway and community rowing competition and training, along with recreational paddling and other water sport activity use
Approximate Size of Precinct:	c. 110,000 sqm (land area on northern bank and at end of course)
General Description of Facilities:	<p>The venue includes a national standard course of c.2000m, boat storage shed and a regatta centre containing kitchen, first aid room, conference room, judges tower and announcers room</p> <p>Specific course dimensions i.e. depth, width and length are unknown</p>



Source: Google Street View



Source: Google Earth

# ROWING – NAGAMBIE LAKES REGATTA CENTRE

## ASSESSMENT DETAIL – PRECINCT COMPARISONS

**CONFIDENTIAL  
DRAFT FOR DISCUSSION**



### Nagambie Lakes Regatta Centre

- Available water length: c.2,230m
- Course width: c.108m
- Land area: c.110,000sqm

Source: Google Earth

### Sydney International Regatta Centre (Penrith)

- Available water length: c.2,252m
- Course width: c.170m
- Land area: c.270,000sqm

Source: Google Earth

### Sea Forest Waterway (Tokyo)

- Available water length: c.2,333m
- Course width: c.197m
- Land area: c.165,000sqm

Source: The Bureau of Olympic and Paralympic Games Tokyo 2020 Preparation



Source: Google Earth



Source: Google Earth



#### **KEY POINT:**

***While the precinct appears adequate to cater for spectators and back of house requirements, it maybe necessary to seek field of play dispensation, specifically width and length runoff zones (subject to depth) in order to host the Rowing program for the 2026 Games.***



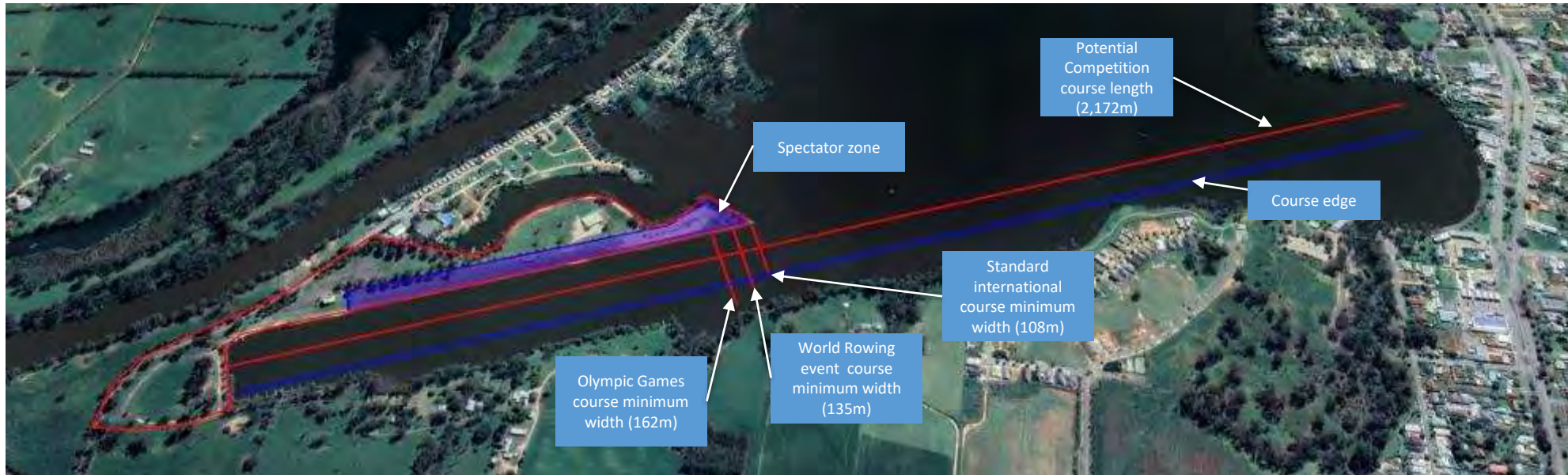
Source: NBC website



# ROWING – NAGAMBIE LAKES REGATTA CENTRE

## ASSESSMENT DETAIL – PRECINCT CONFIGURATION

**CONFIDENTIAL  
DRAFT FOR DISCUSSION**



Source: Google Earth

***Nagambie Lakes Regatta Centre is a national standard course, however does not currently comply with international requirements, including the stipulated competition course runoffs at each end and the required width for major international events (Olympic Games and World Rowing events).***

***To address the competition course deficiencies, dredging may be required to achieve appropriate depth and length, with dispensation sought to allow the competition course to be narrower (providing only a minimum international course width of 108m).***

***The precinct appears to have adequate land area to cater for the spectator, athlete and official zones needed to host the Rowing program for the 2026 Games. There will be a requirement to provide significant temporary overlay to cater for spectators and officials.***

***Any overflow space needs could then be accessed using the entire precinct if required.***

### **INDICATIVE DEVELOPMENT OPPORTUNITY:**

- 1. Provision of upgraded finishing tower***
- 2. Course dredging to ensure appropriate length and depth***
- 3. Course edge road***
- 4. Boat house infrastructure***



# ROWING – NAGAMBIE LAKES REGATTA CENTRE

## ASSESSMENT DETAIL – FIELD OF PLAY, OTHER AMENITY AND MATTERS

**CONFIDENTIAL  
DRAFT FOR DISCUSSION**



CGF / ISF REQUIREMENTS	FACILITY COMMENTARY	INDICATIVE IMPROVEMENT OPPORTUNITY
ISF requires a competition course with a minimum length of 2,172m (preferred length 2,222m)	Lake Nagambie has an existing course (national standard), however does not have compliant runoffs. There appears to be adequate water length to provide the required course length, however to achieve the required depth will likely require dredging	Permanent. Course dredging to potentially enable compliant runoffs being achieved.
ISF requires a competition course width between 108m and 162m depending on competition level. The required width of a standard international course is 108m, World Rowing event course is 135m and Olympic Games course is 162m. Width requirements for Commonwealth Games are not specified	Exact width is unknown. Initial investigation indicates that course width is not likely to meet width requirements for Olympic Games or World Rowing events	May require dispensation
ISF requires a competition course with minimum depth of 3m	Unknown. To be verified	Permanent. Course dredging (if required)
ISF requires a warm-up channel	A second channel is not available, however there is adequate water to provide a significant warm-up zone	Permanent. May require dredging
ISF requires a road on bank for full length of course	No sealed road on bank, and regardless, bank does not run the full length of the course	Permanent. Opportunity to provide sealed road on part of course (if possible)
ISF requires a Start tower (9-12sqm)	No existing start tower, would to be installed	Temporary overlay
ISF requires a finish tower – three levels (50-60sqm)	Yes. Although, existing tower is unlikely to be compliant	Permanent. Opportunity for some permanent works as a legacy for the sport
ISF requires a Boat House Area (10,000sqm)	Minimal, unsuitable facilities	Temporary overlay. Some opportunity for some permanent works as a legacy for the sport
No CGF specified spectator capacity requirements. ISF spectator capacity requirements for Olympic Games is 14,000 – 20,000 and World Championships 4,000 – 12,000)	No existing spectator seating	Temporary seating overlay

Source: FISA Manual



CGF / ISF REQUIREMENTS	FACILITY COMMENTARY	INDICATIVE IMPROVEMENT OPPORTUNITY
<p><b>Athlete Services:</b> A wide range of amenity for the Athletes, including changerooms, lounge, etc</p> <p><b>Officials &amp; Operations:</b> A wider range of amenity across officials, delegates, VIPs, volunteers, and competition management, including specific spaces, offices, etc</p> <p><b>Medical:</b> Dedicated spaces, including for doping control, first aid, etc</p>	Minimal, unsuitable facilities	Opportunity for some permanent works as a legacy for the sport Temporary overlay for remainder (and most)
<p><b>Broadcast &amp; Media:</b> Media centre, media lounge, etc</p> <p><b>Other:</b> Storage, big screen (40-80sqm) and scoreboard (35sqm – 85sqm)</p>		

OTHER LIKELY REQUIREMENTS	FACILITY COMMENTARY	INDICATIVE IMPROVEMENT OPPORTUNITY
Transport hub for athletes, officials, etc	Access roads in place	Temporary overlay
Transport hub for spectators	Access roads in place c. 4.4km from nearest train station (Nagambie) Would require car or bus access due to distance from town centre. Likely need to use adjacent landholding for parking	Temporary overlay Shuttle bus system from town centre Potential opportunity to use adjacent land holding for overflow parking
Accreditation	No suitable facilities	Temporary overlay
Security		



POTENTIAL ISSUE	IMPLICATION
<b>Boundary:</b> Borders adjacent landholdings and businesses (caravan park)	Impact existing landowners including caravan park
<b>Disruption:</b> Community sport and recreational users. Access to caravan park is likely to be impacted	Community displacement During 'bump in', event period and 'bump out' access to adjacent caravan park may be restricted Need to find alternate facilities for displaced groups Potential claims for compensation

**TRAINING VENUES NOTE:**  
*It is assumed that practice and warm-up facilities for the Rowing program at the 2026 Games can be accommodated on Nagambie Lake. This can be provided in the open lake area as opposed to a separate channel in close proximity to the competition course (as would reflect best practice).*



# RUGBY SEVENS: LATROBE CITY STADIUM





**HIGHLIGHTS**

Facility Fit For Program:	The Rugby Sevens program should fit into the Latrobe City Stadium precinct (with some additional space required to meet all training requirements (see below))
Training Venues:	It would appear there are adequate fields available in reasonable proximity to Latrobe City Stadium (although there is likely to be need for resurfacing and/or temporary overlay). The full requirements including gyms and aquatics could be a challenge to deliver across all facilities
General Compliance Rating:	Does not comply. <b><i>Assuming the delivery of the necessary overlay at the facility is feasible, it is expected post works the venue would be compliant</i></b>

**MAJOR ISSUES**

**REMEDIES**

**PERMANENT OR TEMPORARY OVERLAY**

Not enough seating at the venue	Install as required	Combined. Some opportunity for permanent amenity as a legacy for community sport (such as current grandstands, changerooms / club rooms, etc). Temporary seating for say 8,000 to 10,000 (noting some site limitations)
Need for compliant lighting	Install compliant lighting	Combined. Could involve permanent upgrading to lighting, with temporary overlay to ensure fully broadcast ready Note existing positioning of lighting is not conducive to temporary seating installation in available parts of the venue (could involve temporary removal)
Requirement for most amenity across Spectators, Athletes Services, Officials & Operations, Medical, Broadcast & Media, Transport, Accreditation, Security, etc	Install as required	Combined. Some opportunity for permanent amenity as a legacy for community sport (such as current grandstands, changerooms / club rooms, etc)



MAJOR ISSUES	REMEDIES	PERMANENT OR TEMPORARY OVERLAY
Compliance of pitch, and training facilities (as well as supplementary facilities such as aquatics and gyms)	Improve surfaces and amenity	Resurfacing of Stadium pitch, and designated training venues where required Temporary overlay for any necessary on-site amenity (including at training venues)
Potential for significant disruption depending on extent of capital works undertaken at the venue	N/a	N/a

CAPITAL WORKS	INDICATIVE ESTIMATE (\$M)
Permanent	[REDACTED]

\*: Incorporates refurbishment of the grandstands at Latrobe City Stadium (including changerooms and clubrooms), minimal upgrade to lighting, and any necessary resurfacing of pitches (including training pitches). Assumes the facilities at Latrobe City Stadium are structurally sound and any capital works do not trigger major compliance issues. Potentially at the mid to higher end of the range

# RUGBY SEVENS – LATROBE CITY STADIUM, MORWELL

## ASSESSMENT DETAIL – GENERAL INFORMATION

**CONFIDENTIAL  
DRAFT FOR DISCUSSION**

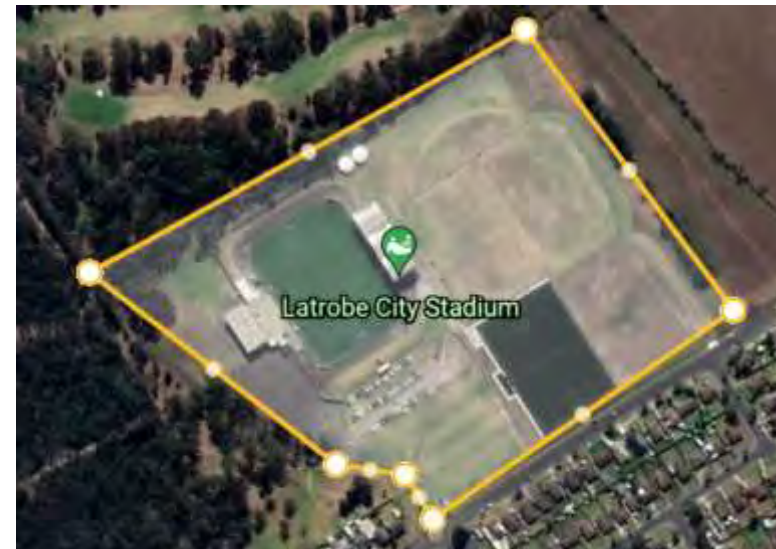


### GENERAL INFORMATION

Venue Name:	Latrobe City Stadium
Address:	Crinigan Road, Morwell, VIC, 3840
Geo Coordinates:	38.125914S; 146.254326E
Governance:	Latrobe City Council
Existing Tenants:	Gippsland Football Club; Latrobe Valley Soccer League
Nature of Use:	Community and pathway Football (Soccer); Ad-hoc professional matches (such as A-League Women's)
Approximate Size of Precinct:	c. 114,000 sqm
General Description of Facilities:	Rectangular pitch stadium located in Morwell, in Gippsland. The facility comprises a large rectangular pitch (in excess of the necessary size for Rugby), two small grandstands, with simple spectator amenity, changerooms, etc. The precinct includes training fields, including a artificial pitch (slightly smaller than Rugby requirements), designated parking (along with overflow opportunities), etc.



Source: austadiums.com



Source: Google Earth

# RUGBY SEVENS – LATROBE CITY STADIUM, MORWELL

## ASSESSMENT DETAIL – PRECINCT COMPARISONS

**CONFIDENTIAL**  
**DRAFT FOR DISCUSSION**



### Latrobe City Stadium (entire precinct, pictured)

- Perimeter: c. 1,388m
- Area: c. 113,609sqm

Source: Google Earth



### Gold Coast Commonwealth Games Venue: Robina Stadium (entire precinct)

- Perimeter: c. 1,234m
- Area: c. 49,062sqm

Source: Google Earth



Source: GC 2018 website

#### **KEY POINT:**

***It is apparent, with necessary access, facilities and overlay, Latrobe City Stadium has adequate space to host the Rugby Sevens program for the 2026 Commonwealth Games (but not including all training).***





# RUGBY SEVENS – LATROBE CITY STADIUM, MORWELL

## ASSESSMENT DETAIL – FIELD OF PLAY, OTHER AMENITY AND MATTERS

**CONFIDENTIAL  
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CGF / ISF REQUIREMENTS	FACILITY COMMENTARY	INDICATIVE IMPROVEMENT OPPORTUNITY
There are no specific requirements for the number of playing fields. The 2018 Gold Coast Commonwealth Games was played on one field at Robina Stadium, whilst the 2022 Birmingham Commonwealth Games will be delivered at Coventry Stadium	N/a	N/a
World Rugby field dimensions: Length: 94 to 100m; In-goal length: 6 to 22m; Width: 68 to 70m	Yes, venue is compliant	N/a
Spectator capacity of 10,000 – 30,000 (CGF)	Yes. Two grandstands comprise approximately 2,000 seats. With standing room, the capacity of Latrobe City Stadium is 12,000. There are constraints on the space for temporary seating with one end close to a tree-line, and light towers right on the FoP	Opportunity for an increase in the number of permanent seats for community sport (if desired) Temporary seating overlay for remainder (say around 8,000 to 10,000 seats). Temporary overlay might consider relocation of existing lighting given proximity to FoP

Source: World Rugby Laws of the Game  
Annex 3: 2026 Commonwealth Games Requirements

OTHER LIKELY REQUIREMENTS	FACILITY COMMENTARY	INDICATIVE IMPROVEMENT OPPORTUNITY
<b>Athlete Services:</b> A wide range of amenity for the Athletes and Referees, including lounges and changerooms; catering areas, etc	Changerooms recently upgraded (2017), although unlikely to be at the necessary standard for an international event	Opportunity for some permanent works as a legacy for the community Temporary overlay for remainder (and most), potentially accessing precinct infrastructure
<b>Officials &amp; Operations:</b> A wide range of amenity across officials, delegates, VIPs, volunteers, and competition management, and accreditation, including specific spaces, offices, etc	Minimal, unsuitable facilities	Temporary overlay
<b>Medical:</b> Dedicated spaces, including medical area; massage and physiotherapy area; doping control area, etc	Minimal, unsuitable facilities	Temporary overlay



OTHER LIKELY REQUIREMENTS	FACILITY COMMENTARY	INDICATIVE IMPROVEMENT OPPORTUNITY
<b>Broadcast &amp; Media:</b> Dedicated spaces, media centre; press conference room; broadcast compound; mixed zone in proximity to FoP	No suitable facilities	Temporary overlay
<b>Other:</b> Storage; broadcast standard lighting	Existing venue lighting is unsuitable. It is also poorly positioned (right next to FoP)	Temporary overlay (including temporary removal of existing lighting and use of temporary, compliant lighting for event)
Transport hub for athletes, officials, etc	Access roads in place, along with precinct carparks This issue should be solvable for the event	Temporary overlay along with use of existing amenity
Transport hub for spectators	Access roads in place, along with some precinct carparks. Overflow 'green space' can also be used for parking. Given location, access will be via car or bus (closest train station is Morwell, c. 4.5km)	Temporary overlay along with use of existing amenity. Potential opportunity to use remaining areas of the precinct for parking
Accreditation	No suitable facilities	Temporary overlay
Security	No suitable facilities Size of precinct should ensure this is solvable	Temporary overlay

POTENTIAL ISSUE	IMPLICATION
<b>Boundary:</b> Doesn't appear to be significant boundary issues (although the facility is in proximity to residences and a golf club)	Nothing material expected with appropriate consultation
<b>Disruption:</b> Community sport and recreational users	Likely to be some community displacement, however the amount and its significance will depend on the extent of capital works undertaken at the venue Need to find alternate facilities for displaced groups Potential claims for compensation



**CGF / ISF REQUIREMENTS**

A minimum of eight training pitches are required for a 16 (men) and 8 (women)-team tournaments. Technical Officials will also require use of a training pitch or the warm-up pitch for training. The pitches can be grass or artificial turf conforming to World Rugby regulation 22. Access to a high-performance gym is required, ideally co-located to a training venue. Access to a swimming pool (1-2 lanes), in close proximity to the training venues is also required for recovery.

**Note, as no single location was found that could address these requirements in their entirety, the following assessment includes a number of venues with capacity to accommodate components of the requirement (e.g. multiple training pitches and/ or gym and/ or swimming pool)**

**VENUE NAME: CRINIGAN ROAD NORTH RESERVE**

Address:	Crinigan Road, Morwell
Geo Coordinates:	38.125916S; 146.254715E
Governance:	Latrobe City Council
Proximity to Competition Venue:	Adjacent
Field of Play Provision:	Space available for three to four training fields adjacent to Latrobe City Stadium. Presently comprising flat open grassed space plus (part of which may be lit by five lighting towers) synthetic soccer pitch with four lighting towers
Amenity On-site:	Parking; synthetic soccer pitch with pavilion
Indicative Improvement Opportunities:	Resurfacing of grassed area and configuration for three to four training pitches; Resurfacing of synthetic pitch and marking for Rugby Sevens; Development of appropriate amenity



# RUGBY SEVENS – LATROBE CITY STADIUM, MORWELL

## ASSESSMENT DETAIL – TRAINING FACILITIES (CONT)

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### VENUE NAME: CRINIGAN ROAD SOUTH RESERVE

Address:	126 Crinigan Road Morwell
Geo Coordinates:	38.130843S; 146.255288E
Governance:	Latrobe City Council
Proximity to Competition Venue:	0.6km
Field of Play Provision:	Grass soccer pitch with four lighting towers; grass football oval with four lighting towers
Amenity On-site:	Vehicle access, three existing pavilion structures and space for additional amenity in north-west corner
Indicative Improvement Opportunities:	Resurfacing of playing surface; redevelopment or refurbishment of pavilions. Opportunity to reconfigure site to include three competition size training pitches



### VENUE NAME: RONALD RESERVE

Address:	Vary Street, Morwell
Geo Coordinates:	38.135633S; 146.252436E
Governance:	Latrobe City Council
Proximity to Competition Venue:	2.0km
Field of Play Provision:	Grass football oval and adjacent grass soccer pitch
Amenity On-site:	Pavilions adjacent to football oval and soccer pitch plus other existing structures on-site; vehicle access and parking; two outdoor netball courts and a block of ten tennis courts
Indicative Improvement Opportunities:	Resurfacing of playing surfaces; Redevelopment or refurbishment of pavilions





# RUGBY SEVENS – LATROBE CITY STADIUM, MORWELL

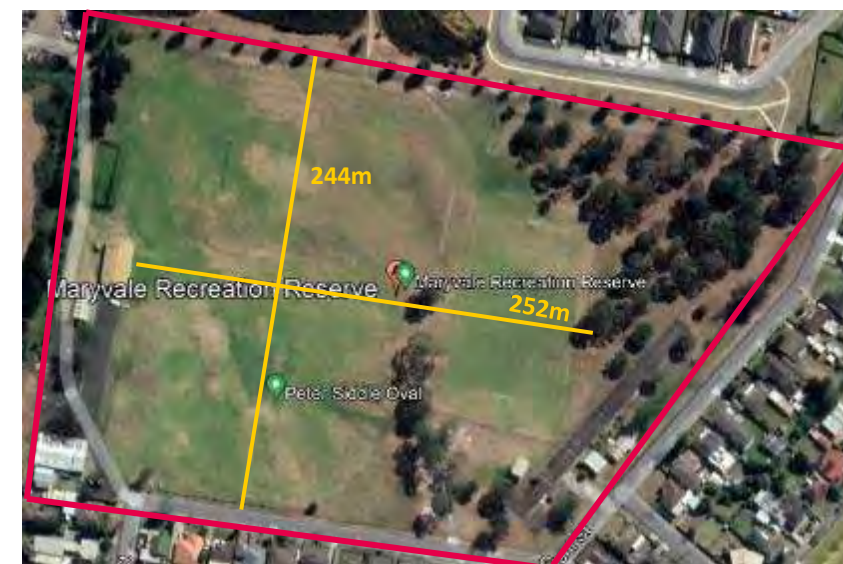
## ASSESSMENT DETAIL – TRAINING FACILITIES (CONT)

**CONFIDENTIAL**  
**DRAFT FOR DISCUSSION**



### VENUE NAME: MARYVALE RECREATION RESERVE

Address:	Grant Street, Morwell
Geo Coordinates:	38.134024S; 146.242602E
Governance:	Latrobe City Council
Proximity to Competition Venue:	3.1km
Field of Play Assessment:	Grassed surface, presently configured for three separate playing fields (two oval, one rectangular)
Amenity On-site:	Two sporting pavilion/ clubroom facilities plus other structures and storage sheds; parking for 50 vehicles
Indicative Improvement Opportunities:	Resurfacing of playing surfaces and reconfiguration for up to five competition size training pitches (may require tree removal); redevelopment or refurbishment of pavilions



[Link to Master Plan \(May 2015\)](#)

### VENUE NAME: LATROBE LEISURE MORWELL

Address:	McDonald Street, Morwell
Geo Coordinates:	38.135972S; 146.241861E
Governance:	Latrobe City Council
Proximity to Competition Venue:	3.6km
Field of Play Provision:	N/A
Amenity On-site:	Public leisure centre comprising eight lane 25m pool; sauna and spa; fully equipped gym; group fitness room and parking
Indicative Improvement Opportunities:	N/A





**VENUE NAME: MORWELL RECREATION RESERVE**

Address:	Travers Street Morwell
Geo Coordinates:	38.142454S; 146.232260E
Governance:	Latrobe City Council
Proximity to Competition Venue:	6.1km
Field of Play Provision:	Two grassed plus one synthetic cricket/ football ovals with existing lighting towers on each (200 lux LED lighting on main oval)
Amenity On-site:	Pavilions adjacent to main and south-east oval; Gippsland Power Football Club Centre of Excellence (comprising facilities including medical rooms, player meeting room with audio-visual capability, hot and cold spa area for rehabilitation, weights and cardio equipment area and an open space the size of two basketball courts); multiple other structures
Indicative Improvement Opportunities:	Resurfacing of south-east oval and configuration for two training pitches. Resurfacing of synthetic oval (pending compliance and age of current surface)



Fly through Visual Tour and Images



# SHOOTING – CLAY TARGET: GEEELONG CLAY TARGET CLUB

# SHOOTING (CLAY TARGET) – GEELONG CLAY TARGET CLUB, BALLIANG

## ISSUES AND RECOMMENDATIONS

**CONFIDENTIAL  
DRAFT FOR DISCUSSION**



### HIGHLIGHTS

Facility Fit For Program:	The Clay Target Shooting program (including training) should fit at Geelong Clay Target Club, although assumes upgrade works are to be undertaken at the venue to ensure compliance
General Compliance Rating	Does not comply <b><i>Assuming the delivery of the facility is feasible (and necessary overly can be delivered), it is expected post works the venue would be compliant</i></b>

### MAJOR ISSUES REMEDIES PERMANENT OR TEMPORARY OVERLAY

Need compliant skeet ranges, incorporating eight shooting stations per range. Range number not specified, however based on Melbourne and Gold Coast Commonwealth Games program, three ranges would be required	Upgrade shooting stations and ranges	Permanent - opportunity as a legacy for community sport
Need compliant trap range, incorporating five shooting stations. Range number not specified, however based on Melbourne and Gold Coast Commonwealth Games program, three ranges would be required	Upgrade shooting stations and ranges	Permanent - opportunity as a legacy for community sport
Approved target release system	Install or upgrade as required	Permanent - opportunity as a legacy for community sport
Requirement for most amenity across Spectators, Athletes Services, Officials & Operations, Medical, Broadcast & Media, Transport, Accreditation, Security, etc	Install as required	Combined Some opportunity for permanent amenity as a legacy for community sport (such as upgrades to changerooms, clubrooms and electronic target system, etc)

### CAPITAL WORKS INDICATIVE ESTIMATE (\$M)

Permanent	\$25 to \$50*
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\*: Incorporates upgrade and redevelopment works required across all shooting venues including new pistol range (indoor) and small bore ranges (including finals ranges), compliant skeet and trap ranges, target system upgrades and improvement of amenity such as club rooms, changerooms, etc. Potentially at lower end of the cost range





# SHOOTING (CLAY TARGET) – GEELONG CLAY TARGET CLUB

## ASSESSMENT DETAIL – GENERAL INFORMATION

**CONFIDENTIAL  
DRAFT FOR DISCUSSION**



### GENERAL INFORMATION

Venue Name:	Geelong Clay Target club
Address:	1000 Moretons Road, Balliang, VIC, 3340
Geo Coordinates:	37.837066S; 144.448819E
Governance:	Private (under lease)
Existing Tenants:	Geelong Clay Target Club
Nature of Use:	Club competition
Approximate Size of Precinct:	Precinct Perimeter: c.1,780 Precinct Area: c.190,000 sqm
General Description of Facilities:	Clay target facility located in Balliang, outside of Geelong. The facility is on private land and is leased by Geelong Clay Target Club. The venue was upgraded in 2017.



Source: Google Earth

# SHOOTING (CLAY TARGET) – GEELONG CLAY TARGET CLUB

## ASSESSMENT DETAIL – PRECINCT COMPARISONS

**CONFIDENTIAL**  
**DRAFT FOR DISCUSSION**



### Geelong Clay Target Club

- Perimeter: c.1,780m
- Area: c.190,00sqm
- Four skeet stations (trap station number unknown)

Source: Google Earth



Source: Google Earth

### Melbourne 2006 Commonwealth Games Venue: Melbourne Gun Club

- Perimeter: c.1,350m
- Area: c.101,790sqm
- Seven skeet and two trap ranges (two used for 2006 Commonwealth Games, plus a practice range)

Source: Google Earth



Source: Google Earth

### Gold Coast Commonwealth Games Venue: Belmont Shooting Centre (Rifle Range)

- Perimeter: c.810m
- Area: c.36,000sqm
- Three skeet and trap ranges

Source: Google Earth



Source: <https://planning.statedevelopment.qld.gov.au/>

### **KEY POINT:**

***It is apparent, with necessary access, upgraded facilities and overlay, the Geelong Clay Target Club has adequate space to host the Skeet and Trap Shooting programs for the 2026 Games.***

# SHOOTING (CLAY TARGET) – GEELONG CLAY TARGET CLUB

## ASSESSMENT DETAIL – FIELD OF PLAY, OTHER AMENITY AND MATTERS

**CONFIDENTIAL  
DRAFT FOR DISCUSSION**



CGF / ISF REQUIREMENTS	FACILITY COMMENTARY	INDICATIVE IMPROVEMENT OPPORTUNITY
ISF compliant Skeet field consisting of two houses (high house and low house) and eight (8) shooting stations. Stations 1 through 7 are arranged on a segment of a circle with a 19.20m radius and a base chord of 36.80m and station 8 is located in the centre of the base chord. The number of ranges is not specified for Commonwealth Games, however for Olympic Games 3, ranges are required	Currently four skeet ranges. Unknown if they meet international standard	Upgrade as required, can be combined with trap range
ISF compliant trap range that has five shooting stations arranged on a straight line at a distance 15m to the rear of the front edge of the trap pit. Needs to be convertible to double trap. The number of ranges is not specified for Commonwealth Games, however for Olympic Games, 3 ranges are required	Unknown	Upgrade as required, can be combined with skeet range
An electric-manual or electric-microphone system target release system	Unknown	Upgrade as required
Spectator capacity of 500 (CGF)	Venue has no permanent seating infrastructure	Temporary overlay

Source: ISSF General Regulations, ISSF General Technical Rules  
Annex 3: 2026 Commonwealth Games Requirements

# SHOOTING (CLAY TARGET) – GEELONG CLAY TARGET CLUB

## ASSESSMENT DETAIL – FIELD OF PLAY, OTHER AMENITY AND MATTERS (CONT)

CONFIDENTIAL

DRAFT FOR DISCUSSION



CGF / ISF REQUIREMENTS	FACILITY COMMENTARY	INDICATIVE IMPROVEMENT OPPORTUNITY
<b>Athlete Services:</b> A wide range of amenity for the Athletes and Referees, including lounges and changerooms; catering areas, etc	Minimal, unsuitable facilities	Opportunity for some permanent works as a legacy for community sport Temporary overlay for remainder
<b>Officials &amp; Operations:</b> A wide range of amenity across officials, delegates, VIPs, volunteers, and competition management, and accreditation, including specific spaces, offices, an armoury for secure arm storage etc		Temporary overlay
<b>Medical:</b> Dedicated spaces, including medical area; massage and physiotherapy area; doping control area, etc		
<b>Broadcast &amp; Media:</b> Dedicated spaces, media centre;		No suitable facilities
<b>Other:</b> Storage	Minimal, unsuitable facilities	

OTHER LIKELY REQUIREMENTS	FACILITY COMMENTARY	INDICATIVE IMPROVEMENT OPPORTUNITY
Transport hub for athletes, officials, etc	Access roads in place. Adequate space for athlete and official drop off points	Temporary overlay
Transport hub for spectators	Access roads in place. Available space for onsite parking. No public transport to site	
Accreditation	No suitable facilities	
Security	No suitable facilities Size and location of precinct should ensure this is solvable	



# SHOOTING (CLAY TARGET) – GEELONG CLAY TARGET CLUB

## ASSESSMENT DETAIL – FIELD OF PLAY, OTHER AMENITY AND MATTERS (CONT)

CONFIDENTIAL

DRAFT FOR DISCUSSION



POTENTIAL ISSUE	IMPLICATION
<b>Private Ownership:</b> Venue is privately owned and under lease until 2032	The ability to be able to negotiate appropriate access to the venue for the Games and agreement to deliver venue improvements
<b>Boundary:</b> Doesn't appear to be significant boundary issues given the site and location	Nothing material expected with appropriate consultation
<b>Disruption:</b> Community sport and recreational users	Likely to be some community displacement May need to find alternate facilities for displaced groups Potential claims for compensation (although potentially offset by any capital improvements)

### **TRAINING VENUES NOTE:**

*It is assumed that practice and warm-up facilities for the Shooting (Clay Target) program at the 2026 Games can be accommodated on-site at the Geelong Clay Target Club, which is normal practice for the Shooting program.*



# SHOOTING – FULL BORE: WELLSFORD RIFLE RANGE

# SHOOTING (FULL BORE) – WELLSFORD RIFLE RANGE, BENDIGO

## ISSUES AND RECOMMENDATIONS

**CONFIDENTIAL  
DRAFT FOR DISCUSSION**



HIGHLIGHTS	
Facility Fit For Program:	The Full Bore Shooting program (including training) should fit at Wellsford Rifle Range, noting it previously hosted the event at the 2006 Commonwealth Games
General Compliance Rating	Does not comply <b><i>Assuming the delivery of the facility is feasible (and necessary overly can be delivered), it is expected post works the venue would be compliant</i></b>

MAJOR ISSUES	REMEDIES	PERMANENT OR TEMPORARY OVERLAY
Need for a compliant targeting system	Upgrade as required	Permanent - opportunity as a legacy for community sport
Provision of suitable shooting mounds / stations	Refurbish existing as required	Permanent - opportunity as a legacy for community sport
Requirement for most amenity across Spectators, Athletes Services, Officials & Operations, Medical, Broadcast & Media, Transport, Accreditation, Security, etc	Install as required	Combined Some opportunity for permanent amenity as a legacy for community sport (such as upgrades to changerooms, clubrooms and electronic target system, etc)

CAPITAL WORKS	INDICATIVE ESTIMATE (\$M)
Permanent	\$25 to \$50*

\*: Incorporates upgrade and redevelopment works required across all shooting venues including new pistol range (indoor) and small bore ranges (including finals ranges), compliant skeet and trap ranges, target system upgrades and improvement of amenity such as club rooms, changerooms, etc. Potentially at lower end of the cost range

# SHOOTING (FULL BORE) – WELLSFORD RIFLE RANGE, BENDIGO

## ASSESSMENT DETAIL – GENERAL INFORMATION

**CONFIDENTIAL  
DRAFT FOR DISCUSSION**



### GENERAL INFORMATION

Venue Name:	Wellsford Rifle Range
Address:	Rifle Range Road, Wellsford, VIC, 3551
Geo Coordinates:	36.752128S; 144.333315E
Governance:	Crown Land
Existing Tenants:	<ul style="list-style-type: none"><li>• Bendigo Rifle Club</li><li>• South Bendigo Rifle Club</li><li>• Victorian Police Rifle Club</li><li>• Wellsford Rifle Club</li></ul>
Nature of Use:	Club competition State championships
Approximate Size of Precinct:	c. 232,000 sqm Range: 1,000 yards (maximum length)
General Description of Facilities:	Full bore rifle range located in Wellsford, outside of Bendigo. The facility comprises a single range with variable distances ranging from 300 to 1,000 yards The precinct includes minimal permanent infrastructure The venue was used for the 2006 Commonwealth Games



Source: [www.wheretoshootaustralia.org](http://www.wheretoshootaustralia.org)



Source: Google Earth



# SHOOTING (FULL BORE) – WELLSFORD RIFLE RANGE, BENDIGO

## ASSESSMENT DETAIL – PRECINCT COMPARISONS

**CONFIDENTIAL**  
**DRAFT FOR DISCUSSION**



### Wellsford Rifle Range (also the 2006 Commonwealth Games venue)

- Perimeter: c.2,685m
- Area: c.232,000sqm

Source: Google Earth

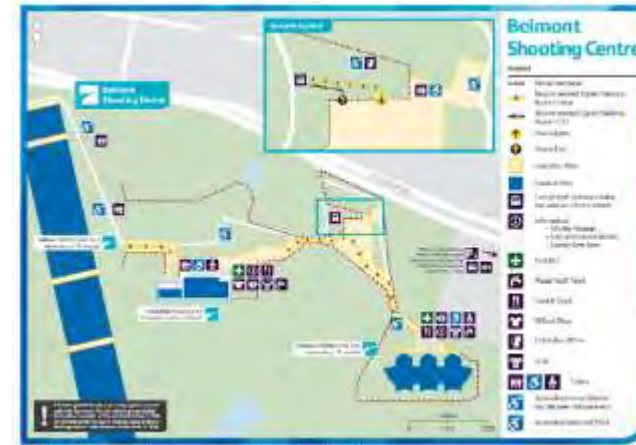


Source: Google Earth

### Gold Coast Commonwealth Games Venue: Belmont Shooting Centre (Rifle Range)

- Perimeter: c.2,595m
- Area: c.264,000sqm

Source: Google Earth



Source: Queensland Rifle Association website

#### **KEY POINT:**

*It is apparent, with necessary access, facilities and overlay, Wellsford Rifle Range has adequate space to host the Full Bore Shooting program (as it did for the 2006 Commonwealth Games venue) for the 2026 Games.*

# SHOOTING (FULL BORE) – WELLSFORD RIFLE RANGE, BENDIGO

## ASSESSMENT DETAIL – FIELD OF PLAY, OTHER AMENITY AND MATTERS

**CONFIDENTIAL  
DRAFT FOR DISCUSSION**



CGF / ISF REQUIREMENTS	FACILITY COMMENTARY	INDICATIVE IMPROVEMENT OPPORTUNITY
ISF requires range with firing points at 300, 500, 600, 900 and 1,000 yards (or 300, 500, 600, 800 and 900m if metric)	Facility currently has multiple firing points including 300, 500, 600, 700, 800, 900 and 1,000 yards	It is assumed that no capital improvements or temporary overlay is required to satisfy this element of the FoP
ISF requires the number of targets to be sufficient to accommodate the expected entry numbers shooting in pairs with one (or more) targets spare in case of breakdown. 20 targets is the default requirement.	Facility currently has 24 targets	Permanent. Opportunity to upgrade targets as required
ISF requires firing points to be flat and horizontal, although a slope of 1-in-24 is acceptable for drainage purposes. The surface should desirably be grass, and must not be of material which will facilitate the creation of temporary pits for elbows (e.g. loose-packed gravel) and not less than 3.048m wide	Facility has existing grass firing points	Permanent. Opportunity to upgrade firing points as required
ISF approved target systems	Current facility has 24 cantilever target mechanisms and 4 Konsberg electronic targets	Opportunity to upgrade electronic target system
Spectator capacity of 500 (CGF)	Facility has no permanent seating infrastructure.	Opportunity for temporary seating overlay, however no spectator seating was provided for 2006 Commonwealth Games or 2018 Commonwealth Games

Source: ICFRA Technical Rules and Regulations for Fullbore Target Rifle Shooting  
Annex 3: 2026 Commonwealth Games Requirements

# SHOOTING (FULL BORE) – WELLSFORD RIFLE RANGE, BENDIGO

## ASSESSMENT DETAIL – FIELD OF PLAY, OTHER AMENITY AND MATTERS (CONT)

CONFIDENTIAL

DRAFT FOR DISCUSSION



CGF / ISF REQUIREMENTS	FACILITY COMMENTARY	INDICATIVE IMPROVEMENT OPPORTUNITY
<b>Athlete Services:</b> A wide range of amenity for the Athletes and Referees, including lounges and changerooms; catering areas, etc	Minimal, unsuitable facilities	Opportunity for some permanent works as a legacy for community sport Temporary overlay for remainder
<b>Officials &amp; Operations:</b> A wide range of amenity across officials, delegates, VIPs, volunteers, competition management, and accreditation, including specific spaces, offices, an armoury for secure arm storage, etc	Recent upgrades include powder storage facility, improved disabled access and extension of site office for competition management. Likely require additional space	Temporary overlay as required
<b>Medical:</b> Dedicated spaces, including medical area; massage and physiotherapy area; doping control area, etc	Minimal, unsuitable facilities	Temporary overlay
<b>Broadcast &amp; Media:</b> Dedicated spaces, media centre; mixed zone in proximity to FoP	No suitable facilities	
<b>Other:</b> Storage	Minimal, unsuitable facilities	

# SHOOTING (FULL BORE) – WELLSFORD RIFLE RANGE, BENDIGO

## ASSESSMENT DETAIL – FIELD OF PLAY, OTHER AMENITY AND MATTERS (CONT)

CONFIDENTIAL

DRAFT FOR DISCUSSION



OTHER LIKELY REQUIREMENTS	FACILITY COMMENTARY	INDICATIVE IMPROVEMENT OPPORTUNITY
Transport hub for athletes, officials, etc	Access roads in place. Limited available space for onsite however should be adequate space for athlete and official drop off points	Temporary overlay
Transport hub for spectators	Access roads in place. Limited available space for onsite parking. 2006 Commonwealth Games adopted a shuttle bus system from Bendigo Harness Racing Club	
Accreditation	No suitable facilities	
Security	No suitable facilities Size and location of precinct should ensure this is solvable	

POTENTIAL ISSUE	IMPLICATION
<b>Boundary:</b> Doesn't appear to be significant boundary issues given the site and location	Nothing material expected with appropriate consultation
<b>Disruption:</b> Community sport and recreational users	Likely to be some community displacement May need to find alternate facilities for displaced groups Potential claims for compensation

### TRAINING VENUES NOTE:

*It is assumed that practice and warm-up facilities for the Shooting (Full Bore) program at the 2026 Games can be accommodated on-site at the Wellsford Rifle Range, which is normal practice for the Shooting program.*



A person wearing a dark jacket and a cap is shown from the side, aiming a rifle. The rifle is mounted on a stand. The background is a blurred outdoor setting, likely a shooting range. The text "SHOOTING – PISTOL AND SMALL BORE: LITTLE ROVER SHOOTING RANGE" is overlaid in yellow on the image.

# SHOOTING – PISTOL AND SMALL BORE: LITTLE ROVER SHOOTING RANGE

# SHOOTING (PISTOL AND SMALL BORE) – LITTLE RIVER SHOOTING RANGE

## ISSUES AND RECOMMENDATIONS

**CONFIDENTIAL  
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### HIGHLIGHTS

Facility Fit For Program:	The Pistol and Small Bore Shooting program (including training) should fit at the Little River Shooting Range precinct (adequate area). The current ranges can't be verified for compliance so it is assumed that they do not comply and will require upgrading to provide a 10m (indoor), 25m, and 50m ranges (including finals ranges)
General Compliance Rating	Does not comply <b><i>Assuming the delivery of the facility is feasible (and necessary) it is expected post works the venue would be compliant</i></b>

MAJOR ISSUES	REMEDIES	PERMANENT OR TEMPORARY OVERLAY
Need a compliant indoor 10m shooting range (pistol) with adequate shooting positions	Develop new indoor shooting range	Permanent
Need a compliant 25m shooting range with covered shooting positions and targets	Upgrade existing (if possible) or develop new shooting range	Permanent
Need a compliant 50m shooting range with covered shooting positions and targets	Upgrade existing (if possible) or develop new shooting range	Permanent
Need a compliant finals range for 25m and 50m with adequate shooting positions	Develop shooting ranges	Permanent
Need for a compliant targetting system	Upgrade as required	Permanent - opportunity as a legacy for community sport
Provision of dry fire or warm-up area	Develop as required	Permanent - opportunity as a legacy for community sport
Requirement for most amenity across Spectators, Athletes Services, Officials & Operations, Medical, Broadcast & Media, Transport, Accreditation, Security, etc	Install as required	Combined. Some opportunity for permanent amenity as a legacy for community sport (such as upgrades to changerooms, clubrooms and electronic target system, etc)

CAPITAL WORKS	INDICATIVE ESTIMATE (\$M)
Permanent	\$25 to \$50*

\*: Incorporates upgrade and redevelopment works required across all shooting venues including new pistol range (indoor) and small bore ranges (including finals ranges), compliant skeet and trap ranges, target system upgrades and improvement of amenity such as club rooms, changerooms, etc. Potentially at lower end of the cost range

# SHOOTING (PISTOL AND SMALL BORE) – LITTLE RIVER SHOOTING RANGE

## ASSESSMENT DETAIL – GENERAL INFORMATION

**CONFIDENTIAL  
DRAFT FOR DISCUSSION**



### GENERAL INFORMATION

Venue Name:	Little River Shooting Range (also known as Eagle Park Range)
Address:	Gifkins Road, VIC, Little River, 3211
Geo Coordinates:	37.91236S; 144.43932E
Governance:	Private
Existing Tenants:	<ul style="list-style-type: none"><li>• Big Game Rifle Club</li><li>• Military Rifle Club</li><li>• Little River Raiders</li><li>• Victorian Muzzle Loading Club</li><li>• Little River Sporting Clays</li></ul>
Nature of Use:	Club competition and recreational shooting
Approximate Size of Precinct:	Precinct Perimeter: c.2,830m Precinct Area: c. 450,000 sqm
General Description of Facilities:	The range caters for multiple shooting disciplines, including pistol, shotgun and large-caliber rifles The main range is certified for all caliber rifles to a distance of 500m and includes 100 benches (covered) Shotgun shooting is also available on the main range



Source: SSAA Victoria Website



Source: Google Earth



# SHOOTING (PISTOL AND SMALL BORE) – LITTLE RIVER SHOOTING RANGE

## ASSESSMENT DETAIL – PRECINCT COMPARISONS

**CONFIDENTIAL**  
**DRAFT FOR DISCUSSION**



### Little River Shooting Range

- Perimeter: c.2,830m
- Area: c.450,000sqm
- Ranges:
  - Pistol (outdoors)
  - Up to 500m in length

### Melbourne Commonwealth Games Venue: Melbourne International Shooting Club

- Perimeter: c.740m
- Area: c.25,000sqm
- Ranges:
  - 10m indoors
  - 25m range
  - 50m range

### Gold Coast Commonwealth Games Venue: Belmont Shooting Centre (Pistol Range)

- Perimeter: c.5,000m
- Area: c.11,700sqm
- Ranges:
  - 10m indoors
  - 25m range
  - 50m range



Source: Google Earth



Source: Google Earth



Source www.rcp.net.au

### **KEY POINT:**

***It is apparent, with necessary access, major upgrades to facilities and overlay, Little River Shooting Range has adequate space to host the Pistol and Small Bore Shooting program.***



# SHOOTING (PISTOL AND SMALL BORE) – LITTLE RIVER SHOOTING RANGE

## ASSESSMENT DETAIL – FIELD OF PLAY, OTHER AMENITY AND MATTERS

**CONFIDENTIAL**  
**DRAFT FOR DISCUSSION**



CGF / ISF REQUIREMENTS	FACILITY COMMENTARY	INDICATIVE IMPROVEMENT OPPORTUNITY
ISF requires a 10m indoor range. No specified firing positions for Commonwealth Games. Olympic Games requires 60 firing positions. Gold Coast Commonwealth Games venue had 60 positions	Unknown. Unlikely venue has a compliant range	Opportunity for new permanent compliant range as a legacy for community sport
ISF requires 50m and 25m outdoor ranges. 50m range requires at least 35m open to the sky and the 25m range requires at least 12.5 m open to the sky (25m and 50m finals ranges may be indoor or outdoor ranges). No specified firing positions for Commonwealth Games. Olympic Games requires 60 positions for 50m range and 30 positions for 25m range. Gold Coast Commonwealth Games venue had 60 and 40 positions respectively	Unknown. Venue has multiple ranges, however unlikely to be compliant	Opportunity for new permanent compliant range as a legacy for community sport
ISF requires a separate finals range is required for World Championships and the Olympic Games and recommends a separate finals range for World Cups. Nothing specified for Commonwealth Games. Gold Coast Commonwealth Games venue had a finals range for 50m and 25m disciplines	Unknown. Unlikely venue has a compliant range	Opportunity for new permanent compliant range as a legacy for community sport
ISF requires dry firing or warm-up areas	Unknown. Unlikely venue has a compliant warm-up area	Opportunity for new permanent facility as a legacy for community sport
ISF requires >1800 lux lights 10m indoor range	Unknown. Unlikely to be compliant	Temporary or permanent compliant lighting
Electronic Target system (models as approved by ISF)	Unknown. Unlikely venue has a compliant range	New compliant target system
Spectator capacity of 500 (CGF)	Venue has no permanent seating infrastructure	Opportunity for temporary seating overlay. Spectator seating provided at 2018 Commonwealth Games

Source: ISSF General Regulations, ISSF General Technical Rules Annex 3: 2026 Commonwealth Games Requirements



CGF / ISF REQUIREMENTS	FACILITY COMMENTARY	INDICATIVE IMPROVEMENT OPPORTUNITY
<b>Athlete Services:</b> A wide range of amenity for the Athletes and Referees, including lounges and changerooms; catering areas, etc	Minimal, unsuitable facilities	Opportunity for some permanent works as a legacy for community sport Temporary overlay for remainder
<b>Officials &amp; Operations:</b> A wide range of amenity across officials, delegates, VIPs, volunteers, competition management, and accreditation, including specific spaces, offices, an armoury for secure arm storage, etc		Temporary overlay
<b>Medical:</b> Dedicated spaces, including medical area; massage and physiotherapy area; doping control area, etc		
<b>Broadcast &amp; Media:</b> dedicated spaces, media centre; mixed zone in proximity to FoP	No suitable facilities	
<b>Other:</b> Storage	Minimal, unsuitable facilities	
OTHER LIKELY REQUIREMENTS	FACILITY COMMENTARY	INDICATIVE IMPROVEMENT OPPORTUNITY
Transport hub for athletes, officials, etc	Access roads in place. Adequate space for athlete and official drop off points	Temporary overlay
Transport hub for spectators	Access roads in place. Available space for onsite parking. No public transport to site Nearest train station is Little River station (10.2km)	
Accreditation	No suitable facilities	
Security	No suitable facilities Size and location of precinct should ensure this is solvable	



POTENTIAL ISSUE	IMPLICATION
<b>Private Ownership:</b> Venue is privately owned and under lease until 2032	The ability to be able to negotiate appropriate access to the venue for the Games and agreement to deliver venue improvements
<b>Boundary:</b> Doesn't appear to be significant boundary issues given the site and location	Nothing material expected with appropriate consultation
<b>Disruption:</b> Existing members and casual users of range and commercial operator of 'paint ball' venue	Likely to be some community displacement and commercial operator impact May need to find alternate facilities for displaced groups Potential claims for compensation (although potentially offset by any capital improvements)

**TRAINING VENUES NOTE:**

*It is assumed that practice and warm-up facilities for the Shooting (Pistol and Small Bore) program at the 2026 Games can be accommodated on-site at the Little River Shooting Range, which is normal practice for the Shooting program.*

# SQUASH: 'POP UP' BENDIGO





# SQUASH – BENDIGO (POP UP)

## ISSUES AND RECOMMENDATIONS

**CONFIDENTIAL  
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### HIGHLIGHTS

Facility Fit For Program:	The Squash program WILL NOT fit into the proposed venue (Shepparton Sports Stadium). The Government has provided direction to stage Squash in Bendigo at a 'pop up' venue. It is assumed an appropriate site can be found in Bendigo for the necessary FoP (show court and match courts, including for training) and amenity
General Compliance Rating	N/a (specific site is unknown, and regardless, no permanent facilities suggested for Squash) <b><i>Subject to site identification and availability, compliance is assumed for the Games</i></b>

### MAJOR ISSUES

### REMEDIES

### PERMANENT OR TEMPORARY OVERLAY

The capacity of the venue to meet the CGF specified spectator capacity of 2,000	Install a sport-specific venue precinct for Squash, including seating for 2,000 spectators	Temporary overlay
Need to provide compliant FoP, including show court and match courts. Gold Coast and Birmingham Commonwealth Games provided 6 match courts	Install temporary courts (including flexibility for doubles)	Temporary overlay
Need for compliant lighting (1,200 lux)	Install compliant lighting as required	Temporary overlay
Requirement for most amenity across Spectators, Athletes Services, Officials & Operations, Medical, Broadcast & Media, Transport, Accreditation, Security, etc	Install as required	Temporary overlay

### CAPITAL WORKS

### INDICATIVE ESTIMATE (\$M)

Permanent	\$0*
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\*No permanent infrastructure proposed. To be delivered using temporary overlay

# SQUASH – BENDIGO (POP UP)

## ASSESSMENT DETAIL – GENERAL INFORMATION

**CONFIDENTIAL  
DRAFT FOR DISCUSSION**



### GENERAL INFORMATION

Venue Name:	Bendigo
Address:	TBC
Geo Coordinates:	TBC
Governance:	TBC
Existing Tenants:	TBC
Nature of Use:	TBC
Approximate Size of Precinct:	TBC
General Description of Facilities:	TBC

#### **KEY POINT:**

*At the time of writing, no specific site has been identified by the State for the Squash program at the 2026 Games.*

# SQUASH – BENDIGO (POP UP)

## ASSESSMENT DETAIL – PRECINCT COMPARISONS

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### Birmingham 2022 Commonwealth Games Venue: University of Birmingham Sports Centre

- Perimeter: c.475m
- Area: c.14,300sqm
- Courts:
  - 1 show court
  - 6 match courts

Source: Google Earth



Source: University of Birmingham website

### Gold Coast 2018 Commonwealth Games Venue: Oxenford Studios

- Perimeter: c.390m
- Area: c.9,570sqm
- Courts:
  - 1 show court
  - 6 match courts

Source: Google Earth



Source: World Squash website

#### **KEY POINT:**

***Based on recent Commonwealth Games, the Squash venue will need to have the capacity to provide a show court (with seating for c.2,000 spectators) and six match courts, along with the necessary spectator, athlete, officials and back-of-house amenity.***

***FoP requirements can be achieved through temporary overlay, as was the case at the 2018 Gold Coast Commonwealth Games.***

# SQUASH – BENDIGO (POP UP)

## ASSESSMENT DETAIL – FIELD OF PLAY

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CGF / ISF REQUIREMENTS	FACILITY COMMENTARY	INDICATIVE IMPROVEMENT OPPORTUNITY
<p>ISF requires competition courts with a minimum ceiling height of 5.64m</p> <p>ISF requires competition courts with required dimensions of 9.75m x 6.4m for singles and 9.75m x 8.42m for doubles. The number of match courts required is not specified as it is subject to the specific sports program. Gold Coast and Birmingham venues include one show court and six match courts</p> <p>Specified CGF spectator capacity is 2,000</p> <p>Need for compliant lighting (1,200 lux)</p>	<p>As the site is unknown, it is assumed there will be minimal available facilities</p>	<p>Temporary overlay</p>

Source: WSF Specification for Squash Courts  
Annex 3: 2026 Commonwealth Games Requirements



# SQUASH – BENDIGO (POP UP)

## ASSESSMENT DETAIL – OTHER AMENITY AND MATTERS

**CONFIDENTIAL  
DRAFT FOR DISCUSSION**



CGF / ISF REQUIREMENTS	FACILITY COMMENTARY	INDICATIVE IMPROVEMENT OPPORTUNITY
<b>Athlete Services:</b> A wide range of amenity for the Athletes, including team benches, changerooms, lounge, etc <b>Officials &amp; Operations:</b> A wider range of amenity across officials, delegates, VIPs, volunteers, and competition management, including specific spaces, offices, etc <b>Medical:</b> Dedicated spaces, including for doping control, first aid, etc <b>Broadcast &amp; Media:</b> Media centre, media lounge, etc <b>Other:</b> Storage, scoreboard	As the site is unknown, it is assumed there will be minimal available facilities	Temporary overlay

OTHER LIKELY REQUIREMENTS	FACILITY COMMENTARY	INDICATIVE IMPROVEMENT OPPORTUNITY
Transport hub for athletes, officials, etc Transport hub for spectators Accreditation Security	As the site is unknown, it is assumed there will be minimal available facilities	Temporary overlay

POTENTIAL ISSUE	IMPLICATION
<b>Boundary:</b> As the site is unknown, this can not be reliably assessed	Unknown
<b>Disruption:</b> As the site is unknown, this can not be reliably assessed	Unknown

**TRAINING VENUES NOTE:**  
*It is assumed that practice and warm-up facilities for the Squash at the 2026 Games can be accommodated on-site at the chosen site for the 'Pop Up' venue. If not possible, alternative sites will need to be investigated. Bendigo Squash Centre would be an option*

# TABLE TENNIS: GEE LONG ARENA





### HIGHLIGHTS

Facility Fit For Program:	The Table Tennis program (including training) should fit into the Geelong Arena precinct, noting the potential limitation on match court numbers and the need for training facilities to be provided in a temporary structure or at an alternate site
General Compliance Rating	Does not comply. <b><i>Assuming the lower capacity in the Annex (non Show Court) is acceptable to the CGF and / or ISF (and necessary overly can be delivered), it is expected post works the venue would be compliant</i></b>

### MAJOR ISSUES

### REMEDIES

### PERMANENT OR TEMPORARY OVERLAY

The Geelong Arena is an ageing building that hasn't had any major refurbishment for some period	Refurbish the facility	Permanent
Capacity of venue to meet CGF specified spectator capacity requirement of 2,000, noting Geelong Arena 'Show Court' has only 1,500 permanent seats	Minimum CGF spectator capacity cannot be achieved on Show Court. Seating solution will seek to maximise spectator capacity across venue through the installation of temporary spectator seating in Show Court area (where possible) and provide seating on match courts with the ambition to achieve a capacity matching CGF's requirement	Temporary seating overlay in both Show Court and match courts (in Annex area)
Capacity of Geelong Arena Annex to provide required match courts based on per court playing space adopted at Gold Coast and Birmingham Commonwealth Games	Reduce overall playing space per court (within allowable limits) to achieve eight match courts	Temporary overlay
Need for compliant lighting (1,500 lux)	Current light lux levels unknown. Likely need to install compliant lighting	Combined. Some opportunity for permanent amenity as a legacy for community sport and commercial events

# TABLE TENNIS – GEELONG ARENA

## ISSUES AND RECOMMENDATIONS (CONT)

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MAJOR ISSUES	REMEDIES	PERMANENT OR TEMPORARY OVERLAY
Climate control in Show Court and Annex area	Current climate control measures unknown. Likely need to install airlocks into both Show Court and Annex area	Temporary overlay
Requirement for most amenity across Spectators, Athletes Services, Officials & Operations, Medical, Broadcast & Media, Transport, Accreditation, Security, etc	Install as required	Combined. Some opportunity for permanent amenity as a legacy for community sport / events such as upgraded changerooms, foyer
Need to provide adequate training courts	Install temporary structure on-site in carpark or use alternate site	Temporary overlay

CAPITAL WORKS	INDICATIVE ESTIMATE (\$M)
Permanent	\$25 to \$50*

\*: Incorporates refurbishment of the venue and improvement of amenity such as changerooms, lighting lux levels and technology, etc. Assumes venue is structurally sound and any capital works on the building do not trigger major compliance issues. Potentially at lower end of the cost range



# TABLE TENNIS – GEELONG ARENA

## ASSESSMENT DETAIL – GENERAL INFORMATION

**CONFIDENTIAL  
DRAFT FOR DISCUSSION**



GENERAL INFORMATION	
Venue Name:	Geelong Arena
Address:	110 Victoria St, North Geelong, VIC, 3215
Geo Coordinates:	38.123150S; 144.351340E
Governance:	City of Greater Geelong
Existing Tenants:	<ul style="list-style-type: none"> <li>• YMCA Gymnastics</li> <li>• Elite Taekwondo</li> <li>• Kyokushin Arena Dojo</li> <li>• Geelong Supercats</li> <li>• Total Events</li> <li>• Connect You 2</li> <li>• SEDA College Victoria</li> <li>• Geelong United Basketball</li> </ul>
Nature of Use:	<p>Domestic, pathway and elite basketball competitions</p> <p>Other community sport and recreation uses via existing tenants and events</p> <p>Commercial use via events and training</p>
Approximate Size of Precinct:	<p>Perimeter: c.480sqm</p> <p>Area: c.14,100sqm</p>
General Description of Facilities:	The venue includes a show court with permanent seating for 1,500 people and three basketball courts in a separate annex building



Source: Supercats website



Source: Google Earth

# TABLE TENNIS – GEELONG ARENA

## ASSESSMENT DETAIL – PRECINCT COMPARISONS

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### Geelong Area

- Precinct Perimeter: c.480m
- Precinct Area: c.14,100sqm

Source: Google Earth



Source: Google Earth

### Birmingham Commonwealth Games Venue: The National Exhibition Centre

- Precinct Perimeter: c.1,490m
- Precinct Area: c.34,000sqm
- Courts: 2 x show courts and 8 match courts

Source: Google Earth



Source: Birmingham Mail website



Source: Birmingham Mail website

### Gold Coast Commonwealth Games Venue: Oxenford Studios

- Precinct Perimeter: c.470m
- Precinct Area: c.6,650sqm
- Courts: 2 x show courts and 8 match courts

Source: Google Earth



Source: International Table Tennis Federation website



Source: The Independent website

### **KEY POINT:**

***Whilst the available area within the building footprint is smaller compared to Gold Coast and Birmingham Commonwealth Games, it is believed the necessary areas including FoP, spectator amenity and athlete services can be accommodated at the Geelong Arena for the Table Tennis program for the 2026 Games. Training courts will require a temporary structure or be accommodated at alternate site.***

# TABLE TENNIS – GEELONG ARENA

## ASSESSMENT DETAIL – FIELD OF PLAY, OTHER AMENITY AND MATTERS

**CONFIDENTIAL  
DRAFT FOR DISCUSSION**



CGF / ISF REQUIREMENTS	FACILITY COMMENTARY	INDICATIVE IMPROVEMENT OPPORTUNITY
ISF requires competition courts with a minimum ceiling height of 5.0m	Show court and Annex ceiling height is adequate	N/A
ISF requires a minimum playing space per court of 14m x 7m, however additional space is generally provided for international competitions. Birmingham Commonwealth Games provides c. 25.0m x 8.5m per match court	Show court area can provide 2 courts and Annex can provide up to 7 courts based on the same playing space being adopted at Birmingham Commonwealth Games or 8 courts when adopting the minimum 14m x 7m playing space	Install temporary court overlay
Specified CGF spectator capacity is 2,000	Only 1,500 permanent seats in Show Court and no spectator seating in Annex	Install additional temporary spectator seating in Show Court (where possible) and Annex (likely to only have adequate space to install at one end (c.630 seats))
Need for compliant lighting (1,500 lux)	Unknown. Likely need to install compliant lighting	Temporary or permanent compliant lighting
Climate control over the FoP	Unknown. FoP is separated from entry foyer with doors, however no airlock	Temporary overlay if required
Two practice courts for every competition court. Birmingham Commonwealth Games providing 16 courts	No capacity within existing buildings at Geelong Arena to meet practice court requirements	Install temporary structure on-site (in Geelong Arena carpark) to provide practice court space or identify an alternate site.

Source: ITTF Handbook

Annex 3: 2026 Commonwealth Games Requirements

# TABLE TENNIS – GEELONG ARENA

## ASSESSMENT DETAIL – FIELD OF PLAY, OTHER AMENITY AND MATTERS (CONT)

**CONFIDENTIAL**  
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CGF / ISF REQUIREMENTS	FACILITY COMMENTARY	INDICATIVE IMPROVEMENT OPPORTUNITY
<b>Athlete Services:</b> A wide range of amenity for the Athletes, including changerooms, lounge, etc	Existing facilities include change facilities and other athlete amenity, however may require expanded footprint to meet full requirements of athlete services	Opportunity for some permanent works as a legacy for the community Temporary overlay for remainder (and most)
<b>Officials &amp; Operations:</b> A wider range of amenity across officials, delegates, VIPs, volunteers, and competition management, including specific spaces, offices, etc	Existing space at venue may provide suitable facilities, however likely requirement for expanded footprint to meet full requirements of officials and operations	
<b>Medical:</b> Dedicated spaces, including for doping control, first aid, etc	Unknown. Likely Minimal, unsuitable facilities	
<b>Broadcast &amp; Media:</b> Media centre, media lounge, etc	Unknown. Likely Minimal, unsuitable facilities	Temporary overlay
<b>Other:</b> Storage, scoreboard	Unknown. Likely Minimal, unsuitable facilities	

OTHER LIKELY REQUIREMENTS	FACILITY COMMENTARY	INDICATIVE IMPROVEMENT OPPORTUNITY
Transport hub for athletes, officials, etc	Access roads in place Likely use car park off either Baxter Road or Victoria Street as drop off point	Temporary overlay
Transport hub for spectators	Access roads in place Opportunity to use adjacent North Geelong Station car park off Victoria Street c. 0.12km from nearest train station (North Geelong) Would also require car or bus access.	
Accreditation	No suitable facilities	
Security	No suitable facilities	





POTENTIAL ISSUE	IMPLICATION
<b>Boundary:</b> Borders industrial area	Potential commercial disruption
<b>Disruption:</b> Multitude of community sport and recreational users	Community sport displacement Need to find alternate facilities for displaced groups Potential claims for compensation

**TRAINING VENUES NOTE:**  
*It is assumed that training facilities for the Table Tennis program at the 2026 Commonwealth Games can be accommodated on-site within a temporary structure located in one of the Geelong Arena carparks. If this is not achievable then an alternative training site will need to be identified.*

TENNIS:  
FOSTERVILLE GOLD TENNIS CENTRE  
(BENDIGO)



### HIGHLIGHTS

Facility Fit For Program:	The Tennis program (including para) should fit into the Fosterville Gold Tennis Centre although that assumes the provision of four competition courts (including a Show Court), with a further allowance for four training courts. It is acknowledged this is likely to be a 'tight fit'. If more courts were required this could result in pressure on the available space (and / or further limit the spectator capacity of the Show Court). There could be opportunity for overflow temporary overlay in surrounding spaces (outside of centre boundary) including parklands across from the entrance.
General Compliance Rating	Does not comply <b><i>Assuming the delivery of the necessary overlay at the facility is feasible, it is expected post works the venue would be compliant</i></b>

### MAJOR ISSUES

### REMEDIES

### PERMANENT OR TEMPORARY OVERLAY

The facility is not purpose-built to accommodate tournaments with high numbers of spectators	Using the site, its existing infrastructure, and temporary overlay, develop competition courts with spectator seating, circulation, etc	Temporary overlay
Need for compliant lighting	Install compliant lighting to complement existing lighting	Combined. Temporary overlay, with permanent opportunity for courts presently without lighting
Requirement for most amenity across Spectators (suggesting 6,000 to 8,000 for Show Court, c. 500 to 1,000 for each of the other three competition courts), Athletes Services, Officials & Operations, Medical, Broadcast & Media, Transport, Accreditation, Security, etc	Install as required	Combined. Some opportunity for permanent amenity as a legacy for the club and community sport (such as refurbished / redeveloped changerooms/ club rooms, etc) (although the Centre recently has had capital works with a new clubhouse / function / grandstand)

# TENNIS – FOSTERVILLE GOLD TENNIS CENTRE, BENDIGO

## ISSUES AND RECOMMENDATIONS (CONT)

**CONFIDENTIAL  
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MAJOR ISSUES	REMEDIES	PERMANENT OR TEMPORARY OVERLAY
Need for full suite of compliant courts, and impact on existing courts from building of event overlay	Installation of compliant courts (likely for training / warm-up); and restoration of courts as is necessary	Permanent court installation; temporary overlay for restoration works
Significant disruption with event overlay build	N/a	N/a

CAPITAL WORKS	INDICATIVE ESTIMATE (\$M)
Permanent	Up to \$25*

\*: Incorporates some potential refurbishment of the existing facilities on-site. Assumes the buildings are structurally sound (and any capital works do not trigger major compliance issues). Also includes installation of compliant courts across the precinct (including any necessary resurfacing) along with minimum lighting for legacy. Potentially at the lower end of the cost range



# TENNIS – FOSTERVILLE GOLD TENNIS CENTRE, BENDIGO

## ASSESSMENT DETAIL – GENERAL INFORMATION

**CONFIDENTIAL  
DRAFT FOR DISCUSSION**



### GENERAL INFORMATION

Venue Name:	Fosterville Gold Tennis Centre
Address:	21 Nolan Street, Bendigo, VIC, 3550
Geo Coordinates:	36.445624S; 144.172081E
Governance:	City of Greater Bendigo (managed by the Bendigo Tennis Association)
Existing Tenants:	Bendigo Tennis Association
Nature of Use:	Community, pathway and professional use (including a number of clubs and professional tennis tournaments such as the Bendigo International (sanctioned ATP and ITF event))
Approximate Size of Precinct:	c. 28,300 sqm
General Description of Facilities:	<ul style="list-style-type: none"> <li>26 Hard Courts</li> <li>A number of ATP International Standard Courts</li> <li>16 Courts with Lights</li> <li>3 Dedicated Hot Shot Courts</li> <li>Clubhouse</li> <li>Cafe</li> <li>Function Centre for up to 400 Guests</li> </ul>



Source: ATP Tour



Source: Google Earth

# TENNIS – FOSTERVILLE GOLD TENNIS CENTRE, BENDIGO

## ASSESSMENT DETAIL – PRECINCT COMPARISONS

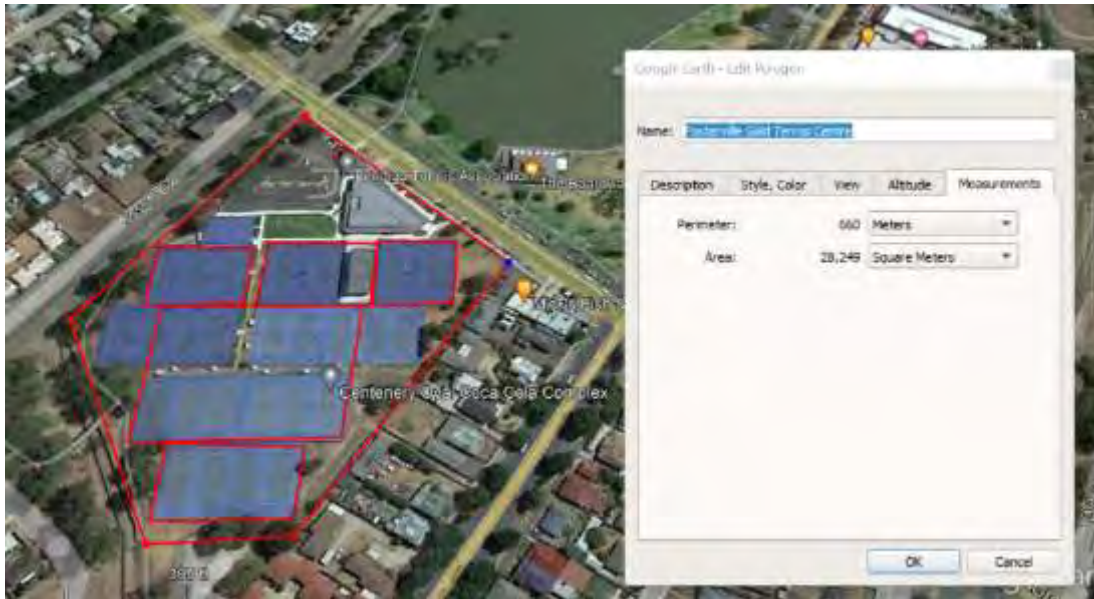
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### Fosterville Gold Tennis Centre

- Perimeter: 660m
- Area: 28,249sqm

Source: Google Earth



**INSIGHT:** For the purposes of comparison of similar infrastructure, the Bondi Beach Volleyball ‘Stadium’ for the 2000 Olympic Games was approximately 80m x 84m in dimension, taking up approximately 7,000sqm, and seating 10,000.

### **COMPETITION ANALYSIS BY MI:**

According to MI Associations, the Tennis program at the 2026 Games will need:

- A Show Court
- Three additional competition courts
- At least four practice courts



Source: Google Earth and DHWL analysis

### **KEY POINT:**

*It is believed the field of play (including competition, warm-up and training courts, spectator amenity and necessary athlete services) could be accommodated at the Fosterville Gold Tennis Centre. With necessary access, facilities and overlay, the Centre and surrounding space (including parkland across from the entry) has adequate space to host the Tennis program for the 2026 Games. Based on the available space, a main temporary Show Court could be installed in the middle of the precinct. Based on the benchmark of the Bondi Beach Volleyball Stadium, the Show Court could reasonably sit 6,000 to 8,000 persons. The smaller competition courts could sit around 500 to 1,000 depending on the court (existing Show Court has permanent seating in a small grandstand).*

# TENNIS – FOSTERVILLE GOLD TENNIS CENTRE, BENDIGO

## ASSESSMENT DETAIL – FIELD OF PLAY, OTHER AMENITY AND MATTERS

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CGF / ISF REQUIREMENTS	FACILITY COMMENTARY	INDICATIVE IMPROVEMENT OPPORTUNITY
ISF court dimensions for a Stadium Court are 40.23m x 20.11m (including run offs)	A number of compliant courts, with a number of others on-site, seemingly non-compliant	Given the plans to create temporary competition courts, it is believed the ITF sized courts can be accommodated, with a number of courts on-site already being compliant. Opportunity to install more compliant courts on-site
ISF court dimensions for an ITF event are 36.6m x 18.3m (including run offs)	As above	As above
CGF has not indicated a venue capacity for Tennis	N/a (the Centre has permanent seating, although it is suggested a temporary Show Court would need to be developed within the precinct)	Overlay solution

Source: Tennis Australia: Court and Enclosure Dimensions  
Annex 3: 2026 Commonwealth Games Requirements

OTHER LIKELY REQUIREMENTS	FACILITY COMMENTARY	INDICATIVE IMPROVEMENT OPPORTUNITY
<b>Athlete Services:</b> A wide range of amenity for the Athletes and Referees, including lounges and changerooms; catering areas, etc	Changerooms are located in the clubhouse. There would be an expectation of improved facilities for players. Presently hosts ATP and ITF sanctioned tournaments	
<b>Officials &amp; Operations:</b> A wide range of amenity across officials, delegates, VIPs, volunteers, and competition management, and accreditation, including specific spaces, offices, etc	New clubhouse facilities, including a function centre. Presently hosts ATP and ITF sanctioned tournaments, although the needs for the Games would likely be in excess of that provided now	Opportunity for some permanent works as a legacy for the community Temporary overlay for remainder (and most)
<b>Medical:</b> Dedicated spaces, including medical area; massage and physiotherapy area; doping control area, etc		



# TENNIS – FOSTERVILLE GOLD TENNIS CENTRE, BENDIGO

## ASSESSMENT DETAIL – FIELD OF PLAY, OTHER AMENITY AND MATTERS (CONT)

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OTHER LIKELY REQUIREMENTS	FACILITY COMMENTARY	INDICATIVE IMPROVEMENT OPPORTUNITY
<b>Broadcast &amp; Media:</b> Dedicated spaces, Media Centre; Press Conference Room; Broadcast Compound; Mixed Zone in proximity to FoP	Minimal suitable facilities	Temporary overlay
<b>Other:</b> Storage; broadcast standard lighting	Existing venue lighting would be unsuitable.	Temporary overlay, with an opportunity to leave a legacy with more 'community-level' court lighting around the precinct
Transport hub for athletes, officials, etc	Access roads in place, along with precinct carparks This issue should be solvable for the event	Temporary overlay along with use of existing amenity
Transport hub for spectators	Access roads in place, along with some precinct carparks / green space. Given location (2.5km from nearest railway station (Bendigo)), access will be via car or bus	Temporary overlay along with use of existing amenity. Potential opportunity to use surrounding areas for parking (such as parklands across from entrance) (although more likely to need 'park and ride' given space constraints)
Accreditation	No suitable facilities	Temporary overlay
Security	The facility can be secured, with it surrounded by fencing and gating	Temporary overlay, especially if the event precinct needs to be expanded into surrounding facilities

POTENTIAL ISSUE	IMPLICATION
<b>Boundary:</b> Appears to border private residences and businesses	Potential community displacement
<b>Disruption:</b> Existing clubs, club members and other casual users	Significant displacement (with need to access precinct for significant overlay build) Arrangements could be made for Club members at other tennis facilities. Pay-for-play players and pathway program athletes could also be accommodated elsewhere (acknowledging that for these groups, it's likely they wouldn't necessarily be able to access facilities of equal standard in Bendigo)

### TRAINING VENUES NOTE:

*It is assumed that training courts for the Tennis program at the 2026 Games can be accommodated on-site, with a select number of courts quarantined for that purpose (although these might need resurfacing / reconfiguration)*





# TRIATHLON: EASTERN BEACH GEELONG

# TRIATHLON (INCLUDING PARA) – GEELONG WATERFRONT

## ISSUES AND RECOMMENDATIONS

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HIGHLIGHTS	
Facility Fit For Program:	The Geelong Waterfront has hosted numerous triathlons of varying lengths, including an ITU World Sprint event in 2012 and an annual Ironman event. It is assumed the precinct can work for the Commonwealth Games
Training Venue:	Athletes will require access to a 25m pool (minimum three lanes) and a running track along with scheduled on-course familiarisation. Training amenity is available in Geelong across a range of sites (assuming pools and tracks don't necessarily have to be internationally compliant)
General Compliance Rating	N/a (specific site is unknown, and regardless, no permanent facilities suggested for Triathlon) <b><i>Subject to site identification and availability, compliance is assumed for the Games</i></b>

MAJOR ISSUES	REMEDIES	PERMANENT OR TEMPORARY OVERLAY
Requirement for most amenity across Spectators (at least 2,000 spectators at finish), Athletes Services, Officials & Operations, Medical, Broadcast & Media, Transport, Accreditation, Security, etc	Install as required	Temporary overlay
Impact on surrounding open space from event overlay	Restorative works on any open space impacted	Temporary overlay

CAPITAL WORKS	INDICATIVE ESTIMATE (\$M)
Permanent	\$0*

\*: No permanent infrastructure proposed. To be delivered using temporary overlay

# TRIATHLON (INCLUDING PARA) – GEELONG WATERFRONT

## ASSESSMENT DETAIL – GENERAL INFORMATION

**CONFIDENTIAL  
DRAFT FOR DISCUSSION**



### GENERAL INFORMATION

Venue Name:	Geelong Waterfront
Address:	Eastern Beach Road, Geelong, VIC, 3220
Geo Coordinates:	38.084742S; 144.223198E
Governance:	City of Greater Geelong
Existing Tenants:	There is a café that operates on the Eastern Beach foreshore
Nature of Use:	Community recreation
Approximate Size of Precinct:	N/a (no specific precinct has been identified)
General Description of Facilities:	Open space, beach-front land with access to the sea, and road amenity



Source: Google Earth

# TRIATHLON (INCLUDING PARA) – GEELONG WATERFRONT

## ASSESSMENT DETAIL – FIELD OF PLAY AND OTHER AMENITY

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CGF / ISF REQUIREMENTS	FACILITY COMMENTARY	INDICATIVE IMPROVEMENT OPPORTUNITY
Spectator capacity of 2,000 (finish line) (CGF)	Whilst the exact course and precinct is unknown, the space available at the Geelong Waterfront would indicate 2,000 spectators could be accommodated	Temporary overlay
<b>Athlete Services:</b> A wide range of amenity for the Athletes, including start areas, transition areas, finish areas, changes rooms, etc (ISF)	No suitable facilities	Temporary overlay
<b>Officials &amp; Operations:</b> A wider range of amenity across officials, delegates, VIPs, volunteers, and competition management, accreditation, etc (ISF)	No suitable facilities	Temporary overlay
<b>Medical:</b> Dedicated spaces, including for doping control, first aid, etc (ISF)	No suitable facilities	Temporary overlay
<b>Broadcast &amp; Media:</b> Media centre (ISF)	No suitable facilities	Temporary overlay
<b>Other:</b> Storage (ISF)	No suitable facilities	Temporary overlay

Source: ITU Event Organiser's Manual  
Annex 3: 2026 Commonwealth Games Requirements

OTHER LIKELY REQUIREMENTS	FACILITY COMMENTARY	INDICATIVE IMPROVEMENT OPPORTUNITY
Transport hub for athletes, officials, etc	Access roads in place	Temporary overlay
Transport hub for spectators	Access roads in place c. 2.0km from nearest train station (Geelong) Would require car or bus access	Temporary overlay Parking available around the CBD and Waterfront
Accreditation	No suitable facilities	Temporary overlay
Security	No suitable facilities Open precinct will require specific overlay	Temporary overlay



# TRIATHLON (INCLUDING PARA) – GEELONG WATERFRONT

## ASSESSMENT DETAIL – OTHER MATTERS

**CONFIDENTIAL  
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POTENTIAL ISSUE	IMPLICATION
<b>Boundary:</b> Appears to border private residences and businesses	Potential community displacement
<b>Disruption:</b> Multitude of recreational users	Significant community displacement Need to find alternate facilities / sites for displaced users (which for the most part will be solvable)

# TRIATHLON (INCLUDING PARA) – GEELONG WATERFRONT

## ASSESSMENT DETAIL – POSSIBLE TRAINING FACILITIES

**CONFIDENTIAL  
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### CGF / ISF REQUIREMENTS

Triathlon athletes will require access to a 25m swimming pool with a minimum of 3 lanes for time slots of 2hrs per day and a running track. There is a possibility that this could be scheduled with existing training venues for Athletics and Aquatics, subject to detailed training schedules and availability. Scheduled on-course training/familiarisation is required for the swim, bike and run elements with the relevant road closures in place.

***Note, this assessment does not address the final point (above) regarding on-course training.***

### VENUE NAME: JOHN LANDY ATHLETICS FIELD

Address:	230 Swanston Street, South Geelong
Geo Coordinates:	38.095879S; 144.213287E
Governance:	City of Greater Geelong (Committee of Management)
Proximity to Competition Venue:	3.0km
Field of Play Provision:	Synthetic track consisting ten lanes on the straights and eight around the full circumference; grass infield; four existing light towers; other facilities for field events
Amenity On-site:	Pavilion; spectator seating; public toilets; minimal car parking
Indicative Improvement Opportunities:	None identified



# TRIATHLON (INCLUDING PARA) – GEELONG WATERFRONT

## ASSESSMENT DETAIL – POSSIBLE TRAINING FACILITIES (CONT)

**CONFIDENTIAL  
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### VENUE NAME: DEAKIN UNIVERSITY ATHLETICS TRACK

Address:	75 Pigdons Road, Waurn Ponds
Geo Coordinates:	38.115058S; 144.175953E
Governance:	Deakin University
Proximity to Competition Venue:	10.9km
Field of Play Provision:	Synthetic (Spurtan BV) eight lane track; synthetic infield; four existing light towers
Amenity On-site:	Pavilion/ toilets adjacent to track; University campus – other relevant facilities include fitness centre, multipurpose stadium and grass playing field
Indicative Improvement Opportunities:	None identified



**Located 1.9km from Leisurelink Waurn Ponds (potential triathlon training venue for swimming)**

### VENUE NAME: GOLDSWORTHY RESERVE

Address:	27-49 Goldsworthy Road, Corio
Geo Coordinates:	38.044546S; 144.211037E
Governance:	City of Greater Geelong
Proximity to Competition Venue:	10.2km
Field of Play Provision:	Synthetic track consisting ten lanes on the straights and eight around the full circumference; grass infield; other facilities for field events
Amenity On-site:	Pavilion; spectator seating; public toilets; minimal car parking
Indicative Improvement Opportunities:	None identified



Image taken during construction/ refurbishment



# TRIATHLON (INCLUDING PARA) – GEELONG WATERFRONT

## ASSESSMENT DETAIL – POSSIBLE TRAINING FACILITIES (CONT)

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### VENUE NAME: SPLASHDOWN LEISURE CENTRE

Address:	25-177 Coppards Road, Whittington
Geo Coordinates:	38.104142S; 144.241174E
Governance:	City of Greater Geelong
Proximity to Competition Venue:	5.8km
Field of Play Provision:	Public, (approximately) six lane, 25m indoor pool (depth not specified)
Amenity On-site:	Gym and training zone; group exercise and cycle room; public change rooms; ample parking
Indicative Improvement Opportunities:	Unknown



### VENUE NAME: WATERWORLD LEISURE CENTRE

Address:	1-15 Cox Road, Norlane
Geo Coordinates:	38.050817S; 144.211935E
Governance:	City of Greater Geelong
Proximity to Competition Venue:	10.2km
Field of Play Provision:	Public, (approximately) eight lane, 25m indoor pool (depth not specified)
Amenity On-site:	Spa and sauna; outdoor diving pool; public change rooms; group exercise and cycle rooms; gym and training zone
Indicative Improvement Opportunities:	Unknown





# TRIATHLON (INCLUDING PARA) – GEELONG WATERFRONT ASSESSMENT DETAIL – POSSIBLE TRAINING FACILITIES (CONT)

**CONFIDENTIAL  
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## VENUE NAME: KARDINIA INTERNATIONAL COLLEGE

Address:	205 Ballarat Road, Bell Post Hill
Geo Coordinates:	38.063439S; 144.193833E
Governance:	Independent school
Proximity to Competition Venue:	7.0km
Field of Play Provision:	Goodfellow Aquatic Centre includes a six lane, 25m lap pool (depth not specified); change rooms
Amenity On-site:	School campus; other relevant facilities include grassed playing fields
Indicative Improvement Opportunities:	Unknown



### ***Other potential swimming training facilities for Triathlon include:***

- ***Geelong Grammar (25m pool, identified as potential cricket training venue also)***
- ***The Geelong College (as above)***
- ***Leisurelink aquatic and recreation centre (50m pool, identified as potential Aquatics (swimming) venue also)***
- ***Aquapulse (as above)***



# VOLLEYBALL – BEACH: ‘POP UP’ BELLARINE PENINSULA

# BEACH VOLLEYBALL – BELLARINE PENINSULA (POP UP)

## ISSUES AND RECOMMENDATIONS

**CONFIDENTIAL  
DRAFT FOR DISCUSSION**



### HIGHLIGHTS

Facility Fit For Program:	The Government has provided direction to stage Beach Volleyball on the Bellarine Peninsula at a 'pop up' venue to take advantage of the Geelong accommodation hub. It is assumed an appropriate site can be found in the area for the necessary FoP, training courts and amenity
General Compliance Rating	N/a (specific site is unknown) <b><i>Subject to site identification and availability, compliance is assumed for the Games</i></b>

MAJOR ISSUES	REMEDIES	PERMANENT OR TEMPORARY OVERLAY
Unlikely to be a designated Beach Volleyball venue	Install a sport-specific venue precinct for Beach Volleyball	Temporary overlay
Need for compliant lighting	Install compliant lighting	Temporary overlay
Requirement for most amenity across Spectators (to ideally get to capacity of 3,000 or more on Show Court), Athletes Services, Officials & Operations, Medical, Broadcast & Media, Transport, Accreditation, Security, etc	Install as required	Combined Could be some opportunity for permanent amenity as a legacy for community sport (or other community organisations) depending on the chosen site (such as changerooms, club rooms, etc)
Impact on the site	Restorative works on the site and other spaces	Temporary overlay

CAPITAL WORKS	INDICATIVE ESTIMATE (\$M)
Permanent	Up to \$25*

\*: No permanent infrastructure proposed. To be delivered using temporary overlay

# BEACH VOLLEYBALL – BELLARINE PENINSULA (POP UP)

## ASSESSMENT DETAIL – GENERAL INFORMATION

**CONFIDENTIAL  
DRAFT FOR DISCUSSION**



### GENERAL INFORMATION

Venue Name:	Bellarine Peninsula
Address:	TBC
Geo Coordinates:	TBC
Governance:	TBC
Existing Tenants:	TBC
Nature of Use:	TBC
Approximate Size of Precinct:	TBC
General Description of Facilities:	TBC

**KEY POINT:**

*At the time of writing, no specific site has been identified by the State for the Beach Volleyball program at the 2026 Games.*



# BEACH VOLLEYBALL – BELLARINE PENINSULA (POP UP) ASSESSMENT DETAIL – PRECINCT COMPARISONS

**CONFIDENTIAL  
DRAFT FOR DISCUSSION**



## Gold Coast Commonwealth Games Venue: Coolangatta Beachfront

- Perimeter: c. 1,041m
- Area: c. 30,806sqm Source: Google Earth



Source: insidethegames.biz

**INSIGHT:** The Bondi Beach Volleyball ‘Stadium’ for the 2000 Olympic Games was approximately 80m x 84m in dimension, taking up approximately 7,000sqm. Its capacity was 10,000.



Source: austadiums.com.au

### **KEY POINT:**

*The chosen site will need to ‘fit’ FoP (including competition, warm-up and training courts, spectator amenity and necessary athlete services along with a range of other event overlay. For comparison purposes, the site originally nominated by the Government (David MacFarlan Reserve in Sorrento) was deemed to have adequate space to host the Beach Volleyball program for the 2026 Games when considering the Sorrento Football Oval and surrounds (with the Oval able to fit the courts at a minimum). The area of the Oval is approximately 16,400 sqm, while the wider precinct is nearly 100,000 sqm (not that the program would nearly require so much space)*

# BEACH VOLLEYBALL – BELLARINE PENINSULA (POP UP)

## ASSESSMENT DETAIL – FIELD OF PLAY, OTHER AMENITY AND MATTERS

**CONFIDENTIAL**  
**DRAFT FOR DISCUSSION**



CGF / ISF REQUIREMENTS	FACILITY COMMENTARY	INDICATIVE IMPROVEMENT OPPORTUNITY	
<p>CGF requires a competition court (1); a warm-up court (1) and training courts (2)</p> <p>ISF court dimensions (26 to 28m x 18 to 20m) including necessary circulation</p> <p>For competition court, minimum lighting of 1,500 lux (ISF)</p> <p>Sand: minimum requirements (ISF)</p> <p>Spectator capacity of 3,000 (CGF)</p>	<p>There is no fit-for-purpose Beach Volleyball facility on the Bellarine Peninsula</p>	<p>Temporary overlay</p>	
<p><b>Athlete Services:</b> A wide range of amenity for the Athletes, including athlete lounge (50sqm), changerooms (30sqm); for Referees, including lounge (30sqm), changerooms; Catering area; Coaches area, etc (ISF)</p> <p><b>Officials &amp; Operations:</b> A wide range of amenity across officials, delegates, VIPs, volunteers, and competition management, and accreditation, including specific spaces, offices, etc (ISF)</p>			
<p><b>Medical:</b> Dedicated spaces, including Medical area; Massage and Physiotherapy area (30sqm); doping control area (25sqm), etc (ISF)</p>	<p>As the site is unknown, it is assumed there will be minimal available facilities</p>	<p>Likely to be a temporary overlay solution (although there could be an opportunity for legacy capital works for the chosen site)</p>	
<p><b>Broadcast &amp; Media:</b> Dedicated spaces, media centre (up to 100 media); mixed zone in proximity to courts (particularly competition court and press conference room for up to 150) (ISF)</p>			<p>Temporary overlay</p>
<p><b>Other:</b> Storage (25sqm) (ISF)</p>			<p>Likely to be a temporary overlay solution (although there could be an opportunity for legacy capital works for the chosen site)</p>

Source: FIVB Handbook: Beach Volleyball  
Annex 3: 2026 Commonwealth Games Requirements

# BEACH VOLLEYBALL – BELLARINE PENINSULA (POP UP)

## ASSESSMENT DETAIL – OTHER AMENITY AND MATTERS

**CONFIDENTIAL  
DRAFT FOR DISCUSSION**



OTHER LIKELY REQUIREMENTS	FACILITY COMMENTARY	INDICATIVE IMPROVEMENT OPPORTUNITY
Transport hub for athletes, officials, etc	As the site is unknown, it is assumed there will be minimal available facilities	Temporary overlay
Transport hub for spectators		
Accreditation		
Security		

POTENTIAL ISSUE	IMPLICATION
<b>Boundary:</b> As the site is unknown, this can not be reliably assessed	Unknown
<b>Disruption:</b> As the site is unknown, this can not be reliably assessed	Unknown

**TRAINING VENUES NOTE:**

*It is assumed that training venues for the Beach Volleyball program at the 2026 Commonwealth Games will be able to accommodated on-site at the chosen venue*



# WEIGHTLIFTING: GEEELONG CONVENTION AND EXHIBITION CENTRE





### HIGHLIGHTS

Facility Fit For Program:	No venue for the Weightlifting / Powerlifting program was nominated. A range of venues have been investigated including Costa Hall (Geelong), Her Majesty’s Theatre (Ballarat), Ulumbarra Theatre (Bendigo) and the Geelong Convention and Exhibition Centre (Geelong) (soon to commence construction). Based on the Weightlifting / Powerlifting program FoP, spectator seating and warm-up and training space requirements, the most viable option was considered to be the Geelong Convention and Exhibition Centre The venue potentially provides two options for the Weightlifting / Powerlifting program. The first option includes the use of the plenary hall (c. 1000 seat capacity) for FoP and spectator seating, with the exhibition hall used for warm-up and training. The alternative option is the use of the exhibition hall for FoP and spectator seating and use of other spaces within the building to service the warm-up and training requirements (if available)
General Compliance Rating	Does not comply <b><i>Subject to venue dimensions being appropriate (and delivery of necessary overlay), it is expected post works the venue would be compliant</i></b>

### MAJOR ISSUES

### REMEDIES

### PERMANENT OR TEMPORARY OVERLAY

The need for compliant competition (FoP) lifting podium and lifting stage	Install temporary (and use existing stage if suitable in plenary hall)	Temporary overlay (potential to use planned stage if suitable)
The need to meet CGF spectator capacity requirements of 2,000	Install temporary spectator seating as required if using exhibition hall. Note if plenary hall is used for FoP, spectator seating capacity is limited to c.1,000	Temporary overlay (if using exhibition hall)
The need for athlete warm-up and training facilities. Birmingham Commonwealth Games warm-up area is c.800sqm and training area is c.1,100sqm	Access to suitable space within Geelong Convention and Exhibition building to service warm-up and training requirements	Temporary overlay
Requirement for most amenity across Spectators, Athletes Services, Officials & Operations, Medical, Broadcast & Media, Transport, Accreditation, Security, etc	Install as required	Temporary overlay
Capacity to deliver works within the available timeframe	Commence planning immediately and adopt an accelerated delivery solution	N/a

### CAPITAL WORKS

### INDICATIVE ESTIMATE (\$M)

Permanent	\$0*
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\*New building and no permanent infrastructure proposed. To be delivered using temporary overlay.

# WEIGHTLIFTING / POWERLIFTING – GEELONG CONVENTION AND EXHIBITION CENTRE

## ASSESSMENT DETAIL – GENERAL INFORMATION

**CONFIDENTIAL**  
**DRAFT FOR DISCUSSION**



### GENERAL INFORMATION

Venue Name:	Geelong Convention and Exhibition Centre (to be constructed)
Address:	Cnr. Western Beach Road and Gheringhap Street, Geelong, VIC, 3220
Geo Coordinates:	38.142531S; 144.358640E
Governance:	Victorian State Government
Existing Tenants:	TBC
Nature of Use:	Conferences and exhibitions
Approximate Size of Precinct:	c. 3,434sqm (exhibition space). Total floor area and precinct size are unknown
General Description of Facilities:	New purpose-built conference and exhibition centre (currently under development) including plenary hall and exhibition hall



Source: Geelong Times



Source: Google Earth

# WEIGHTLIFTING / POWERLIFTING – GEELONG CONVENTION AND EXHIBITION CENTRE

## ASSESSMENT DETAIL – PRECINCT COMPARISONS

**CONFIDENTIAL**  
**DRAFT FOR DISCUSSION**



### Geelong Convention and Exhibition Centre

- Total area: Unknown
- Exhibition hall: c.3,434sqm



Source: Google Earth

### Birmingham Commonwealth Games Venue: National Exhibition Centre

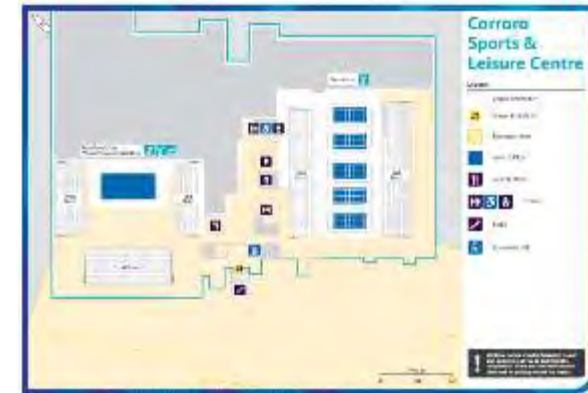
- Total weightlifting area (incorporating FoP, training area, warm-up area and other back of house zones) : 8,100sqm
- Competition and seating area: c.3,000sqm
- Total seats: TBC Source: DHW Ludus analysis



Source: Birmingham Mail Website

### Gold Coast Commonwealth Games Venue: Carrara Sports and Leisure Centre

- Total weightlifting area: 6,006sqm (incorporating FoP, training area, warm-up area and other back of house zones)
- Competition and seating area: c.3,000sqm
- Total seats: 2,500 Source: DHW Ludus analysis



Source: Herald Sun Website

#### **KEY POINT:**

***The Weightlifting / Powerlifting competition area field of play and seating will likely fit within the Geelong Convention and Exhibition Centre (based on capacity information provided by the State Government). Provided the necessary overlay and the additional space required for warm-up and training can be accommodated within the building footprint (and / or within the wider precinct), the facility should be adequate to host the Weightlifting / Powerlifting program for the 2026 Games.***



# WEIGHTLIFTING / POWERLIFTING – GEELONG CONVENTION AND EXHIBITION CENTRE

## ASSESSMENT DETAIL – FIELD OF PLAY, OTHER AMENITY AND MATTERS

**CONFIDENTIAL**  
**DRAFT FOR DISCUSSION**



CGF / ISF REQUIREMENTS	FACILITY COMMENTARY	INDICATIVE IMPROVEMENT OPPORTUNITY
Compliant competition (FoP) lifting podium. Lifting platform to be square (4m x 4m) and total stage area to be 10m x 10m	Unknown. Lifting platform could use stage in the plenary hall (subject to size) or a temporary platform in the exhibition hall	Either permanent or install temporary, subject to location
Specified CGF spectator capacity is 2,000	The plenary hall is expected to have a spectator seating capacity for c.1,000. If the exhibition hall is used as FoP area this may provide an opportunity for increased seating capacity using temporary seats	Either permanent or install temporary seating
Athlete warm-up facilities including appropriate number of warm-up platforms for competition. Birmingham Commonwealth Games warm-up area adjacent the FoP is c.800sqm	Unknown. If plenary hall is used for competition FoP, then exhibition hall could be used for warm-up area. If the exhibition hall is used as the competition FoP, an alternative area in the building or precinct will need to be identified	Temporary overlay
Training facilities (in addition to the competition and warm-up facilities) with space for 30 platforms, 12 benches and two saunas. Birmingham Commonwealth Game area is c.1,050sqm	Unknown. If plenary hall is used for competition FoP, then exhibition hall could be used for training area. If the exhibition hall is used as the competition FoP, an alternative area in the building or precinct will need to be identified	Temporary overlay

Source: IWF Technical and Competition Rules and Regulations Annex 3: 2026 Commonwealth Games Requirements



# WEIGHTLIFTING / POWERLIFTING – GEELONG CONVENTION AND EXHIBITION CENTRE

## ASSESSMENT DETAIL – FIELD OF PLAY, OTHER AMENITY AND MATTERS (CONT)

**CONFIDENTIAL**  
**DRAFT FOR DISCUSSION**



CGF / ISF REQUIREMENTS	FACILITY COMMENTARY	INDICATIVE IMPROVEMENT OPPORTUNITY
<p><b>Athlete Services:</b> A wide range of amenity for the Athletes, including changerooms, lounge, saunas etc</p>	<p>Venue is likely to have a range of spaces and rooms to provide the necessary services, supported by temporary overlay</p>	<p>Temporary overlay</p>
<p><b>Officials &amp; Operations:</b> A wider range of amenity across officials, delegates, VIPs, volunteers, and competition management, including specific spaces including weigh in room, doping control and offices, etc</p>		
<p><b>Medical:</b> Dedicated spaces, including for doping control, first aid, etc</p>		
<p><b>Broadcast &amp; Media:</b> Media centre, media lounge, etc</p>		
<p><b>Other:</b> Storage, scoreboard</p>	<p>Likely to have storage, however appropriate technology will need to be provided</p>	

# WEIGHTLIFTING / POWERLIFTING – GEELONG CONVENTION AND EXHIBITION CENTRE

## ASSESSMENT DETAIL – FIELD OF PLAY, OTHER AMENITY AND MATTERS (CONT)

**CONFIDENTIAL**  
**DRAFT FOR DISCUSSION**



OTHER LIKELY REQUIREMENTS	FACILITY COMMENTARY	INDICATIVE IMPROVEMENT OPPORTUNITY
Transport hub for athletes, officials, etc	Access roads in place Likely use of Gheringham Street or Smythe Steet as drop off point	Temporary overlay
Transport hub for spectators	Access roads in place Likely need to use public carparks available in CBD precinct. Potential bus drop off points on Gheringham Street and Brougham Street c. 0.5km from nearest train station (Geelong)	Temporary overlay Potential opportunity to use public carparks in CBD precinct and Gheringham Street or Brougham Street as drop off points
Accreditation	Unknown. Potentially could be able to draw upon planned amenity	Temporary overlay
Security		Temporary overlay

POTENTIAL ISSUE	IMPLICATION
<b>Boundary:</b> Borders university precinct	Potential displacement or interruption to Deakin University operations
<b>Disruption:</b> Commercial operation of venue	Commercial conferences and events displaced Potential claims for compensation from operator

**TRAINING VENUES NOTE:**  
*It is assumed that practice and warm-up facilities for the Weightlifting / Powerlifting program at the 2026 Commonwealth Games can be accommodated on-site at the Geelong Convention and Exhibition Centre, subject to confirmation that the final venue design has capacity to meet the floor area requirements.*

# OPENING CEREMONY: MELBOURNE CRICKET GROUND

# OPENING CEREMONY – MELBOURNE CRICKET GROUND

## ISSUES AND RECOMMENDATIONS

**CONFIDENTIAL  
DRAFT FOR DISCUSSION**



HIGHLIGHTS	
Facility Fit For Program:	The Opening Ceremony could be staged at the Melbourne Cricket Ground. The capacity is in excess of CGF's expectations of 20,000 to 40,000
General Compliance Rating	N/a <b><i>Assuming the delivery of the necessary overlay at the facility is feasible, it is expected post works the venue would be compliant</i></b>

MAJOR ISSUES	REMEDIES	PERMANENT OR TEMPORARY OVERLAY
Requirement for event overlay to support the staging of the Opening Ceremony at the venue	Install as required	Temporary overlay
Impact on the venue's surface (or surrounding parkland) from event overlay	Restorative works on the venue's surface and surrounding parkland	Temporary overlay

CAPITAL WORKS	INDICATIVE ESTIMATE (\$M)
Permanent	\$0*

\*: No permanent infrastructure proposed. To be delivered using temporary overlay



# OPENING CEREMONY – MELBOURNE CRICKET GROUND

## ASSESSMENT DETAIL – GENERAL INFORMATION

**CONFIDENTIAL**  
**DRAFT FOR DISCUSSION**



### GENERAL INFORMATION

Venue Name:	Melbourne Cricket Ground
Address:	Brunton Avenue, Jolimont VIC, 3002
Geo Coordinates:	37.491188S, 144.590042E
Governance:	Melbourne Cricket Ground Trust
Existing Tenants:	Melbourne Cricket Club, a range of AFL clubs, Cricket Australia, Cricket Victoria
Nature of Use:	Major sports, major events. Yarra Park has significant recreational use
Approximate Size of Precinct:	c. 300,000 sqm (including Yarra Park)
General Description of Facilities:	World class stadium with capacity of c. 100,000, incorporating a range of changerooms, corporate facilities, electronic scoreboards, and overflow space with Yarra Park



Source: Google Earth

# OPENING CEREMONY – MELBOURNE CRICKET GROUND

## ASSESSMENT DETAIL – OTHER MATTERS

**CONFIDENTIAL  
DRAFT FOR DISCUSSION**



OTHER LIKELY REQUIREMENTS	FACILITY COMMENTARY	INDICATIVE IMPROVEMENT OPPORTUNITY
Transport hub for athletes, officials, etc	The MCG and the surrounding precinct will be able to accommodate transport for participants and spectators (with public transport in close proximity (a range of railway stations (Richmond, Jolimont, Flinders Street, trams, etc)). The venue regularly deals with large crowds attending via public transport	N/a
Transport hub for spectators		
Accreditation	The MCG is likely to be able accommodate an accreditation function within existing amenity	Temporary overlay (if required)
Security and accreditation	There is likely to be a requirement to create a secure zone around the venue Size and location of precinct should ensure this is solvable (venue was centrepiece for the 2006 Commonwealth Games)	Temporary overlay

POTENTIAL ISSUE	IMPLICATION
<b>Boundary:</b> No obvious issues	Nothing material expected with appropriate consultation
<b>Disruption:</b> A range of users depending on the time of year	Some tenant displacement Need to find alternate facilities / sites for displaced users (which for the most part will be solvable) Likely claims for compensation (especially AFL and / or Cricket depending on timing for the 2026 Games)



# CLOSING CEREMONY: GMHBA STADIUM

# CLOSING CEREMONY – GMHBA STADIUM

## ISSUES AND RECOMMENDATIONS

**CONFIDENTIAL  
DRAFT FOR DISCUSSION**



HIGHLIGHTS	
Facility Fit For Program:	The Closing Ceremony could be staged at GMHBA Stadium as long as it can fit with the staging of the Cricket program. The capacity of the venue fits within CGF's expectations of 20,000 to 40,000
General Compliance Rating	N/a <b><i>Assuming the delivery of the necessary overlay at the facility is feasible, it is expected post works the venue would be compliant</i></b>

MAJOR ISSUES	REMEDIES	PERMANENT OR TEMPORARY OVERLAY
Requirement for event overlay to support the staging of the Closing Ceremony at the venue	Whole of precinct masterplan, including consideration of efficiencies with other Games venues being located within Kardinia Park (Cricket, Gymnastics and Aquatics)	Temporary overlay
Impact on the venue's surface (or surrounding parkland) from event overlay	Restorative works on the venue's surface and surrounding parkland	Temporary overlay
Transition between the Cricket program and the Closing Ceremony	Programming to allow for venue 'readiness'	N/a
Site governance and access with parts of Kardinia Park overseen by the Kardinia Park Stadium Trust, and others under Committee of Management by the City of Greater Geelong	Commence negotiations between the State Government and Local Government	N/a

CAPITAL WORKS	INDICATIVE ESTIMATE (\$M)
Permanent	\$0*

\*: No permanent infrastructure proposed. To be delivered using temporary overlay



# CLOSING CEREMONY – GMHBA STADIUM

## ASSESSMENT DETAIL – GENERAL INFORMATION

**CONFIDENTIAL  
DRAFT FOR DISCUSSION**



### GENERAL INFORMATION

Venue Name:	GMHBA Stadium
Address:	La Trobe Terrace, Geelong VIC 3220
Geo Coordinates:	38.092879S, 144.211682E
Governance:	Kardinia Park Trust (State Government) Parts of Kardinia Park managed by City of Greater Geelong (under Committee of Management)
Existing Tenants:	Geelong Cats (AFL and AFLW); ad-hoc A-League games; ad-hoc BBL and WBBL games
Nature of Use:	Mostly professional sporting competitions; home of Geelong Cats (AFL and AFLW) for games and training; ad hoc community use c. 55,000 sqm (GMHBA Stadium)
Approximate Size of Precinct:	c. 90,800 sqm (GMHBA Stadium plus second cricket ground and training area) c. 197,700 sqm (Kardinia Park (ex Kardinia Aquatic Centre))
General Description of Facilities:	Stadium has present capacity of 36,000 (to increase to 40,000 upon completion of current capital works); with a range of Athlete and Administrative amenity, including recovery and gymnasium. It also has an adjacent cricket oval and training area (with an indoor centre to be developed as part of current works), with wider parkland containing netball courts and, a community oval



Source: International Cricket Council



Source: Google Earth

# CLOSING CEREMONY – GMHBA STADIUM

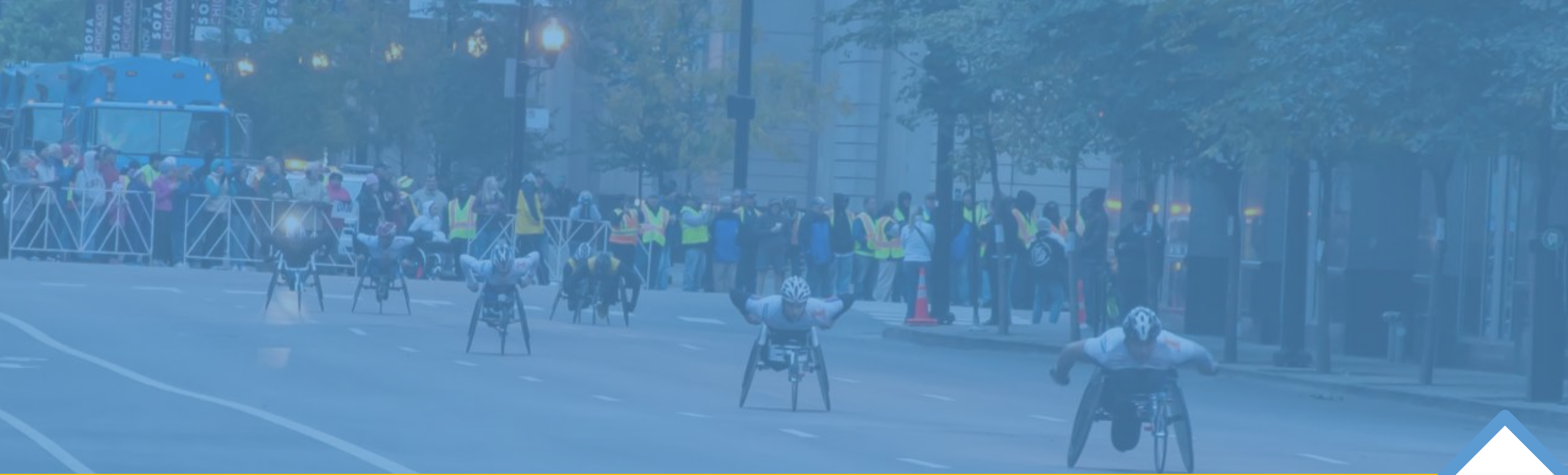
## ASSESSMENT DETAIL – OTHER AMENITY AND OTHER MATTERS

**CONFIDENTIAL  
DRAFT FOR DISCUSSION**



OTHER LIKELY REQUIREMENTS	FACILITY COMMENTARY	INDICATIVE IMPROVEMENT OPPORTUNITY
Transport hub for athletes, officials, etc	GMHBA Stadium and the surrounding precinct will be able to accommodate transport for participants and spectators (with public transport in close proximity (including South Geelong Railway Station (0.7km))	N/a
Transport hub for spectators		
Accreditation	GMHBA Stadium is likely to be able accommodate an accreditation function within existing amenity	Temporary overlay (if required)
Security	There is likely to be a requirement to create a secure zone around the venue and wider precinct Size and location of precinct should ensure this is solvable	Temporary overlay

POTENTIAL ISSUE	IMPLICATION
<b>Boundary:</b> Some residences and businesses in proximity. Issue with multi-layered governance of Kardinia Park	Given the size of the wider park precinct and regularity of events staged, it is unlikely there will be boundary issues for private residences and businesses. However, the complex governance arrangements, with the City of Greater Geelong managing parts of the park precinct, will require resolution
<b>Disruption:</b> Multitude of community sport and recreational users	Significant community displacement Need to find alternate facilities for displaced groups Potential claims for compensation



# CONCLUSIONS & NEXT STEPS



5



Based on the work undertaken for the Facilities Assessment, DHW Ludus makes the following conclusions (acknowledging the Limitations outlined in section 3):

1. Based on the initial, limited, procedures undertaken, the nominated venues for the 2026 Games should be able to host the relevant sport program (with some exceptions, see below)
2. The potential exceptions to the above include:
  - a) Kardinia Park – can the Aquatics and Gymnastics development be completed in time for Games (assuming the land is accessible)?
  - b) Mars Stadium – can the Athletics program actually be accommodated in the precinct given the site limitations?
  - c) Gippsland Regional Indoor Sports Stadium – is the roof compliant for the Badminton program?
  - d) Regional Cricket venues (other than GMHBA Stadium) – will the venues be approved by the ICC?
  - e) Nagambie Lake – can the Rowing program be accommodated at the venue if its dimensions are non compliant?
  - f) Geelong Convention and Exhibition Centre – can the venue under development accommodate the Weightlifting and Powerlifting program, and if so, will it be completed in time for the Games?
  - g) Can appropriate sites be found for sports designated to be staged in ‘pop up’ venues?
3. A number of the nominated venues may have challenges in achieving the minimum spectator capacity desired by the CGF. These include:
  - a) Gippsland Regional Indoor Sports Stadium (Badminton) – The desired capacity of 2,500 is unlikely to be achieved during the pool rounds (with an opportunity to meet the CGF capacity for finals assuming the venue can be configured appropriately)
  - b) Ted Summerton Reserve (Cricket) – The desired capacity of 10,000 may not be achieved, with publicly available information indicating the venue capacity is 7,500 to 10,000
  - c) Bendigo Stadium (Netball programs) – The desired capacity of 8,000 for finals cannot be achieved at the venue
  - d) Geelong Arena (Table Tennis) – The desired capacity of 2,000 cannot be achieved in the Annex where match tables will be set up. Whilst the Show Court has seating for approximately 1,500, the ambition is to provide a seating solution to allow for the desired capacity to be met
  - e) Geelong Convention and Exhibition Centre (Weightlifting / Powerlifting) – the final dimensions of the proposed venue are presently unknown, which could impact upon the delivery of the CGF’s desired seating of 2,000
4. The necessary capital works on the Games sporting venues could be in the realm of \$650 million, with this being comprised of as follows (beginning over the page):



# CONCLUSIONS & NEXT STEPS

## CONCLUSIONS (CONT)

**CONFIDENTIAL  
DRAFT FOR DISCUSSION**



SPORT	VENUE	EST. COST RANGE (\$M)	INPUT FOR BUSINESS CASE (\$M)
Aquatics (Swimming and Diving)	Kardinia Aquatic Centre	\$75 to \$100	\$100
Athletics	Mars Stadium	Up to \$25	\$25
Badminton	Gippsland Regional Indoor Sports Stadium	██████████	██████████
Boxing	Ballarat Sports and Events Centre	██████████	██████████
Cricket	GMHBA Stadium	██████████	██████████
	Ted Summerton Reserve		
	Eastern Oval		
	Queen Elizabeth Oval		
Cycling Road Race	Various	\$0	\$0
Diving	Kardinia Aquatic Centre	See Aquatics	See Aquatics
Golf	Moonah Links	Up to \$25	\$25
Gymnastics	New Indoor Sports Centre (Kardinia Park)	\$75 to \$100	\$100
Hockey	Stead Park	██████████	██████████

SPORT	VENUE	EST. COST RANGE (\$M)	INPUT FOR BUSINESS CASE (\$M)
Lawn Bowls	Bendigo Bowls Club	██████████	██████████
Marathon	Ballarat	\$0	\$0
Netball / Netball Fast 5	Bendigo Stadium	██████████	██████████
Rowing	Nagambie Lakes Regatta Centre	Up to \$25	\$25
Rugby Sevens	Latrobe City Stadium	██████████	██████████
Shooting - Clay Target	Geelong Clay Target Club		
Shooting - Full Bore	Wellsford Rifle Range	\$25 to \$50	\$50
Shooting – Pistol and Small Bore	Little River Shooting Range		
Squash	Bendigo (Pop-Up) - no designated site	\$0	\$0
Table Tennis	Geelong Arena	\$25 to \$50	\$50
Tennis	Fosterville Gold Tennis Centre, Bendigo	Up to \$25	\$25
Triathlon	Eastern Beach Geelong	\$0	\$0

Note: Costs exclude event overlay. For instance, where a sport / venue has an estimated capital cost of '\$0', the program is assumed to be delivered in its entirety with an overlay solution

Continued over the page



# CONCLUSIONS & NEXT STEPS

## CONCLUSIONS (CONT)

**CONFIDENTIAL  
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SPORT	VENUE	EST. COST RANGE (\$M)	INPUT FOR BUSINESS CASE (\$M)
Volleyball – Beach	Bellarine Peninsula (Pop-Up) - no designated site	\$0	\$0
Weightlifting / Powerlifting	Geelong Convention and Exhibition Centre	\$0	\$0
Opening Ceremony	Melbourne Cricket Ground	\$0	\$0
Closing Ceremony	GMHBA Stadium	\$0	\$0
BMX (Freestyle)	Ballarat (Pop-Up) - no designated site	██████████	██████████
Mountain Bike (Cross Country)	Buninyong, Ballarat	██████████	██████████
Basketball (3 x 3)	Bendigo Stadium	\$0	\$0
<b>TOTAL</b>			<b>\$650</b>

Note: Costs exclude event overlay. For instance, where a sport / venue has an estimated capital cost of '\$0', the program is assumed to be delivered in its entirety with an overlay solution

Over the page, DHW Ludus has reported a number of potential next steps for the consideration of EY and the Government. They are not necessarily exhaustive.



### **Shorter term (post signing Heads of Agreement, prior to signing Commercial Contracts)**

- DHW Ludus undertaking physical site inspections (non-engineering focused) and consultation where necessary to solve specific issues raised in the Report
- Site identification for the following:
  - Beach Volleyball
  - Cycling BMX Freestyle
  - Cycling Mountain Bike Cross Country
  - Squash
- Obtain further information regarding the future of the following venues:
  - Geelong Arena
  - Geelong Convention and Exhibition Centre (under development)
- For select sites, including but not necessarily limited to: Kardinia Park, Mars Stadium, Stead Park, Fosterville Gold Tennis Centre and Bendigo Stadium, have technical experts provide block planning of FoP and event overlay over precincts. This could be extended for each sport site if time permits, and can be overseen by DHW Ludus
- Firm up capital projects (although not to detailed design brief stage) to provide additional certainty on capital cost estimates
- Firm up training venue opportunities across relevant sports (but not necessarily to the same level as competition venues)
- Prepare Heads of Agreement principles for negotiation with venue owners (DHW Ludus to lead the development of the principles)

### **Longer term (post signing Commercial Contracts)**

- Detailed master planning for the Kardinia Park precinct (can be led by DHW Ludus)
- Feasibility work on proposed capital upgrades (can be led / delivered by DHW Ludus), which could focus on the following:
  - Engineering of existing infrastructure
  - Design of proposed works
  - Capital costing
  - Feasibility and / or business case reports
- Venue agreements with venue owners



A COLLABORATION:



[WWW.DHWCOLLORATIONS.COM.AU](http://WWW.DHWCOLLORATIONS.COM.AU)





# Transport

Report

# Games Transport Strategy

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Victoria is committed to working with the CGF to identify and deliver fully inclusive, accessible and sustainable transport solutions for the Games. Australia has demonstrated experience in working with host cities and providers to deliver an efficient and reliable transport solution for all stakeholders. Comprehensive air, rail and road networks provide the foundation for the delivery of all event and related transportation services in each of the regional hubs proposed for the event. The Local Organising Committee (LOC) will leverage the extensive major event experience to develop a transport strategy that will deliver a high-quality network for all stakeholders. This strategy will incorporate international best practice and specific CGF requirements, leveraging established major event transport plans to deliver a safe, efficient and reliable transport solution.

Key attributes of Transport Strategy for the Games will include

1. A focus on the destination, rather than which mode is used will deliver a multi-modal public transport focus to ensure all Games regions are accessible and sustainable
  - Public transport will be the dominant means of accessing Games events for spectators, volunteers and staff this will consist of two public transport modes of rail and a dedicated bus network.
  - There will be no provision for private car access to major venues within the key Games hubs. This will be clearly communicated via all channels prior to and during the Games
  - Public Transport will be supported by an extensive network of Park and Ride facilities to service all attendees, with sites to be nominated in and around each of the regional Games hubs.
2. Host City and Regional City clustering
  - All major venues and facilities are located within each of the four proposed host city footprints and some central services to be provided in Melbourne. Travel times between venues within each hub will be relatively short
  - A robust strategy will be planned and delivered to efficiently and safely move all constituent groups between regional hub cities as required and
  - Dedicated teams in Melbourne and in each regional host city working with the relevant authorities to plan operations
3. Customised strategies for each constituent group
  - The Games Family will enjoy separate transport fleets dedicated to each constituent group. Their transport routes will be segregated from the public access to ensure safety and reliability.
  - Spectators and the Games workforce will access events via an enhanced public transport network.
4. Utilisation of existing and planned core transport infrastructure, supplemented by dedicated Games-only transport lanes

Already planned investments in priority infrastructure on all regional routes prior to 2026 will ensure appropriate capacity.

Conversion of existing transit and general traffic lanes into Games lanes is proposed for some supporting corridors between Melbourne and each of the four hubs as necessary.

# Transport Objectives

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Aligned with Transport for Victoria, the overall delivery of transportation for the Games will focus on an integrated approach with the following objectives

1. An integrated approach to games planning and communications around transportation especially around efficient movement of spectators, major network disruptions and the Games;
2. High priority placed on the efficient use of public transport making better use of existing road and rail, shifting more journeys onto rail and prioritising public transport on roads and integrate with other modes such as cycling and walking – a balanced solution that can be supported through existing infrastructure planning and deliver a regional legacy.
3. A customised strategy for the movement of all Games Family constituent groups – streamlining services, focusing on a sustainable strategy to deliver efficient movement of Games Family members from hub locations.
4. Embrace innovation and new transport technologies to deliver a seamless approach to transport
5. Partner with others to address issues from safety to reducing environmental impacts including implementation of a range of transport initiatives to assist the ambition for a carbon neutral Games.

## Strategic Alignment

Victoria's population is growing fast, driving demand and powering the economy. Victoria is facing a period of intense growth and change - with the state's population forecast to reach 11 million by 2056. To support this a range of strategic plans have been developed including:

### Transport Accessibility

Transport for Victoria are developing a new strategy to help improve accessibility for everyone across the transport network. This strategy will be available to the wider community to provide feedback on the draft strategy in mid-2022.

### Growing our Rail Network 2018 - 2025

The Department of Transport has prepared a Victorian rail network plan for when the Metro Tunnel opens in 2025 – this plan includes an updated network map outlining how the rail network across the state will function when current major projects including the Metro Tunnel, high capacity signalling, high capacity Metro Trains and the level crossing removal program are completed.

### Victorian Cycling Strategy 2019 – 2028

A cycling strategy has been released for Victoria which covers cycling for recreation, sport and exercise as well as for affordable and sustainable transport



# Games related transport infrastructure and systems

On 1 July 2019 the Department of Transport, Public Transport Victoria (PTV) and VicRoads came together as one new Department of Transport (DoT).

The integrated DoT plans and operates transport in a way that matches the people and products that travel on it, focusing on the destination, rather than which mode is used.

## Planned transport infrastructure

The infrastructure and systems approach with the Department of Transport will assist the LOC in planning for and delivering a robust, integrated plan between now and the Games in 2026 including:

- DoT's collaboration with the Major Transport Infrastructure Authority, to meet the transport needs of the state and economy, while managing a record \$80-billion investment in infrastructure through the Big Build – to deliver strategic transport infrastructure to expand and modernise the network across Victoria including the Regional Rail Revival ([bigbuild.vic.gov.au](http://bigbuild.vic.gov.au))
- Bringing regional V/Line services more directly into the centre of Victoria's public transport system, while improving oversight and delivery of regional public transport services. On 1 July 2021, V/Line transitioned to a statutory authority, with the CEO reporting to the Secretary of the Department of Transport.
- The Government is also working on new election commitments, including delivering the [Western Rail Plan](#), undertaking [additional regional road upgrades](#) and delivering the [Suburban Rail Loop](#).
- This integrated approach to Victoria's transport system will make the best use of existing transport infrastructure, plans for the future, and establish a blueprint to take advantage of the opportunities including planning for the Games.

## Regional Infrastructure

Regional infrastructure outside of that provided by the Department of Transport is the responsibility of the relevant Local Government Areas (LGA's). LOC will work with each LGA to identify infrastructure and upgrades (planned and additional) and discuss any works program that may need to be implemented in and around Games venues to improve accessibility and delivery of Games-specific transportation.





# Motorisation and Public Transport Share

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The Games will take full advantage of an extensive existing public transit system, to minimize traffic congestion, reduce air pollution and make the Games spectator experience as trouble-free and convenient as possible.

Australia had approximately 20.1 million registered motor vehicles as at 31 January 2021 – equating to around 784 cars per 1,000 people.

Victoria recorded 5.15m registered motor vehicles as at the same time an 0.7% increase on the previous year.

% share of public transport journeys in relation to all motorised journeys

- Victoria – as at the last census 65.9% of people travelled to work in a private car 12.4% took public transport and 4.5% rode a bike or walked and 4.6% worked from home.
- Melbourne - Public transport use across Melbourne accounts for 9 per cent of all weekday trips taken compared to 72% of trips taken by private vehicle.

2021/22 has seen a mode shift from public transport, as people want to avoid the risk of catching Covid-19 on public transport. This, coupled with a high percentage of Victoria's continuing to work from home, it is difficult to project the modal shift back to public transport in the coming years.

Longer term impacts of the pandemic will be taken into account when planning transportation for the Games and incorporated into communications to achieve the objectives of the Games Transportation Strategy.

(Ref: <https://chartingtransport.com/2022/01/23/update-on-australian-transport-trends-january-2022/>)

## Target Net Zero Emissions

Nationally there were 23,000 electric vehicle registrations in 2020-2021

The Victorian Government has led the country in building a clean energy future and the Government wants Victoria to lead Australia's transition to zero emissions vehicles also developing the Zero Emissions Vehicle Roadmap.

[https://www.energy.vic.gov.au/\\_data/assets/pdf\\_file/0014/521312/Zero-Emission-Vehicle-ZEV-Roadmap-FINAL.pdf](https://www.energy.vic.gov.au/_data/assets/pdf_file/0014/521312/Zero-Emission-Vehicle-ZEV-Roadmap-FINAL.pdf)

This plan includes replacing the Victorian Government's car fleet with zero emissions vehicles, as well as accelerating the transition to zero emissions public transport buses. Launching Australian's first zero emissions vehicle subsidy, as well as seeding a commercial innovation fund and building infrastructure – by putting electric vehicle charging stations in every corner of the state.

The sustainable targets are for:

- 400 vehicles in VicFleet to be replaced by ZEVs by 2023.
- Electric vehicle charging stations to be installed across regional Victoria by 2024.
- All public transport bus purchases to be ZEVs from 2025.
- 50 per cent of light vehicle sales to be ZEVs by 2030.
- Government is trialling electric buses and investing \$5 million in innovation to drive transformation in the commercial sector.



# Transport

Governance

# Transport Governance and Planning

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The Victorian Department of Transport (DoT) will be the lead agency for managing transport activities before and during the Games.

DoT will be responsible for coordinating its agencies to deliver:

- Coordination of Games Family, Spectator and workforce transport including access to all venues by public transit or dedicated Games transport including planning for extended services, transit routes and within each Regional Hub;
- Coordination of traffic management through the Traffic Management Centre (TMC)
- Plan for park and ride lots to provide Games dedicated motor coaches to Venues.
- Planning for Games Family Transport priority lanes on key arterial roads to ensure timely transit times. These will be determined in the detailed transport plan.
- Integrated planning with VicPol to support the implementation of dedicated Games-only transport lanes across identified games corridors required as part of the Games Transport Management and Security Plan which coupled with enhancements to traffic management infrastructure and robust policing, will ensure traffic related risks for the Games are low.

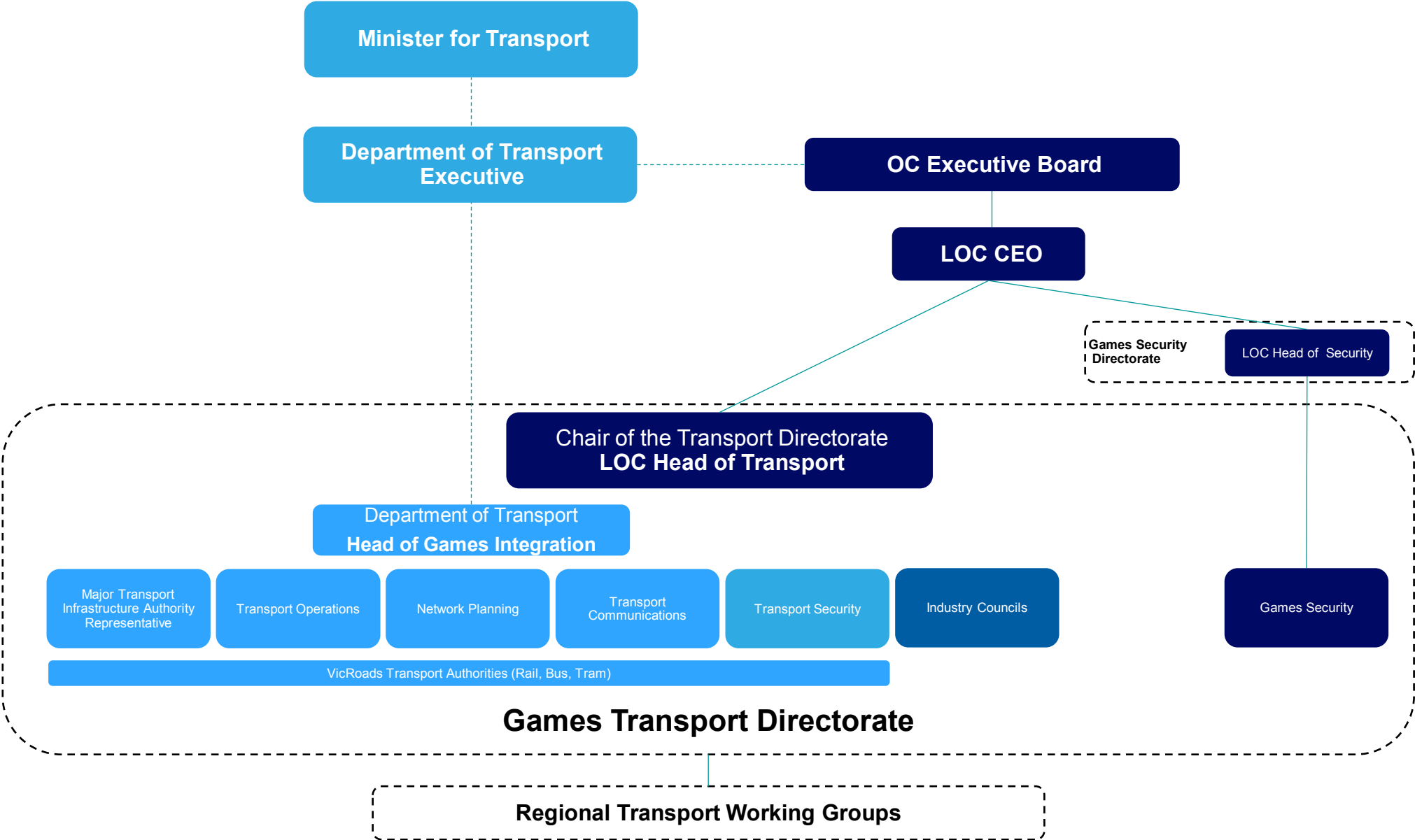
The existing Traffic Management Centre (TMC) operates 24-hours a day, every day of the year to deliver real time traffic management across the State.

The TMC will plan to expand its operations at Games time under the authority of the Department of Transport (DoT). It is expected that this operation will be undertaken in partnership with each of the regional city's traffic management and operation's teams to ensure a seamless service across the Games regional hubs.

DoT, and the Games, will access a mature and efficient traffic management system through the TMC which will ensure:

- provision of an intelligent integrated traffic management system with advanced computing technology and communications to partner agencies such as VicPol.
- Coordination of planning with DoT to expand coverage for the Games to ensure a seamless delivery across regional areas.
- Use of green wave capability to facilitate Games movements during the event.
- deployment of full-time traffic police liaison officers to the TMC; and facilitation of direct linkages to the Games Transport Operations Centre (TOC), providing for a fully integrated traffic management solution for the event.

# Governance Structure





# Governance

## Agency Roles through planning and operational periods

Authority	Responsibility	
	Planning	Operational
Victorian Department of Transport - VicRoads - Transport Authorities (Rail, Bus, Tram)	Overall leadership and coordination of Games Transport Directorate (GTD) Funding arrangements Infrastructure funding and delivery Contribute to development of transport plan and protocols, through Transport Control Group discipline teams Plan spectator public transport planning Plan vehicular fleets support facilities and logistics Schedule services Develop information and communication packages	Overall leadership and coordination of GTD Traffic Management Centre (TMC) Coordination of Games Family transport services, and public/spectator transport services Overall transport agency and stakeholder coordination Provision of enforcement and congestion management resources Contribute to implementation of transport plan and protocols, through Executive representation within Games Transport Directorate discipline teams Implementation of Spectator Transport Plan and services Management of Park and Ride operations in conjunction with TMC Management and implementation of public transport services and facilities communication task
Local Government - Melbourne - Geelong - Ballarat - Bendigo - Gippsland/ Baw Baw Shire/ LaTrobe Valley	Participate through Senior Executive role on the Board of Authorities Contribute to development of transport plan and protocols, through Games Transport Directorate discipline teams Contribute to development of increased coverage of streams and relevant support infrastructure Deliver local road infrastructure	Participate through Senior Executive role on the Board of Authorities Contribute to implementation of transport plan and protocols, through GTD discipline teams Provision of skilled staff to support the TMC Provision of back-up TMC facilities Implement and enforce the Transport Plan Provision of transport management resources
Victoria Police	Participate through Senior Executive role on the Board of Authorities Contribute to development of transport plan and protocols	Participate through Senior Executive role on the Board of Authorities Provision of regulatory-based field traffic management and enforcement
Industry Councils (taxi's, Coach Services etc.)	Contribute to development of transport plan and protocols	Provision of vehicle fleets, staffing and coordination

# Governance and planning

The following Table (Table 1) summarises the indicative requirements for the vehicle transport fleet.

Constituent Group	Transport Strategies	Group Size (est)
<b>GAMES FAMILY</b>		
TA - Athletes and Team Officials	Free of charge, dedicated bus transport system for Athletes and Team Officials including free access to Public Transport	6,500
TM – Media TM - Broadcast	Free of charge, dedicated bus transport system for media • Free access to Public Transport Systems	3,000
TF - Technical Officials	Free of charge, dedicated bus/minivan transport system for Technical Officials • Free access to Public Transport Systems	1,300
T1	Dedicated transport hubs in each regional area and Melbourne Games lanes;	300
T2	Dedicated transport fleet for Games Family Groups	2,000
CGA's	CGA Bookable Vehicles (with drivers)	72 CGA's
<b>TP SPECTATORS AND WORKFORCE</b>		
TP – Ticketed Spectators and Workforce	Free access to Public Transport Systems Access to shuttles from train station(s); bus stop(s)/station(s) and Park and Ride location(s)	
<b>OTHER</b>		
QBR Vehicles	Vehicles to be procured by the QBR team (if not included in a sponsorship agreement)	
Field of Play vehicles for sport and broadcast	Requirements to be determined by LOC Sport and Broadcast.	Cycling Triathlon Marathon Walks
A&D Transport Services	Shared Arrival and Departure Services	

## LOC Transport

The LOC Transport FA will be responsible for:

- Planning an integrated para transport service for accredited Games Family in partnership with relevant transport authorities.
- Working with local transport authorities where applicable to ensure integrated solutions for the Games including the development of plans that address operational requirements related to:
  - a) Bus (Services provided by the OC, may include shared services between stakeholders)
  - b) Fleet –provision of a transport fleet to the relevant constituent groups as per requirements in Table 1 and CGA allocation of dedicated vehicles and drivers according to the total team delegation size as per Table below.

Delegation Size	Passenger Car	Minibus	Total
1 – 4	1	0	1
5 – 50	1	1	2
51 – 100	2	1	3
101 – 200	3	1	4
201 – 300	3	2	5
301 – 400	3	3	6
401 – 500	4	3	7
Above 500	5	3	8

- a) Venue Transport planning (load zones and volunteer planning)
- b) Transport Management and Planning
- c) Mapping (including mapping needs for the OC and publications)
- d) Games Route Network,
- e) Local Area Traffic management and parking,
- f) Spectator and workforce transport integration, including enhanced public transport and supplementary spectator and workforce bus services, as appropriate



# Travel Time/ Km Matrix

Travel distances between sites in a car - in Km and minutes	Games Family Accommodation - Use Crown Towers as base location	Media Accommodation (leave blank for now)	Athletes Village Geelong	Athletes Village Ballarat	Athletes Village Bendigo	Athletes Village Gippsland	IBC / MPC (Melbourne Conventions and Exhibition Centre)	Kardinia Park Precinct Geelong	Eastern Beach - Geelong	Geelong Arena	Geelong convention and Exhibition Ctr	Stead Park Geelong	Geelong Clay Target Club	Little River Shooting Range	Melbourne Cricket Ground	Mars Stadium	Ballarat Town Centre	Ballarat Bunninyong	Ballarat Minerdom	Eastern Oval, Ballarat	Ballarat Sports and Entertainment Venue	Bendigo Lawn Bowls Club	Bendigo sports and Entertainment Centre	Wellsford Rifle Range	Queen Elizabeth Oval, Bendigo	Bendigo Tennis Complex	Latrobe City Stadium, Morwell	Gippsland Regional Indoor Sports Stadium	Ted summerton Reserve, Moe	Moonah Links Golf Course	Lake Nagambie Rowing Centre	Cycling Tour - Stage 1 (TBC)	Cycling Tour - Stage 2 (TBC)	Cycling Tour - Stage 3 (TBC)	Cycling Tour - Stage 4 (TBC)	
Games Family Accommodation - Melbourne			87.4	114	153	322	2.7	73.9	73.9	74.8	72.9	66.5	64.9	49.5	2.6	119	115	117	118	115	119	154	154	158	153	154	158	165	138	99.2	99.3					
Media Accommodation (leave blank for now)																																				
Athlete Village - Geelong	62			90.4	185	363	85.6	5.6	8.4	10.3	8.3	15	57.9	42.7	89.3	117	93.8	86.3	102	94.9	104	185	188	205	186	187	241	249	221	62.6	212					
Athletes Village - Ballarat	75	72		117	330	112	86.2	85.1	82.8	84.2	80.8	81.9	101	116	116	4.7	2	4.2	6.2	2.1	4.2	118	120	123	117	119	268	276	248	210	176					
Athletes Village - Bendigo	105	143	93		373	154	177	176	173	175	169	156	185	157	116	119	125	116	120	123	1	3.7	5.5	1	2.1	311	319	290	251	92						
Athletes Village - Gippsland	161	219	234	246		219	290	289	286	288	282	280	265	229	334	331	333	334	330	333	379	379	378	378	373	66.7	56.1	84.2	239	349						
IBC / MPC (MCEC)	6	62	76	102	167		72.4	71.6	68.7	70.8	64.2	62.7	47.2	4.5	116	113	115	116	112	116	156	156	160	155	156	158	166	138	94.1	140						
Kardinia Park Precinct Geelong	56	7	68	134	212	56		2.4	5.1	1.3	9.9	46.4	30	79.3	98.5	89.6	82	98	90.6	85.8	178	179	194	177	178	230	237	210	60.1	199						
Eastern Beach, Geelong	56	11	69	134	210	54	5		4.2	1	9	45.5	29.1	75.4	97.4	88.5	81	97	89.6	84.7	177	178	181	176	177	228	237	208	60.7	198						
Geelong Arena	53	14	66	135	203	52	9	8		4	5.9	42.5	26.1	72.4	95.2	86.3	78.7	94.7	87.3	82.5	174	176	190	173	175	223	231	203	166	195						
Geelong Convention & Exhibition Centre	55	12	68	137	205	54	6	11	5		8.1	44.6	28.2	74.5	96.6	87.7	80.1	96.1	88.7	83.9	176	177	192	175	176	225	233	205	61.6	197						
Stead Park Geelong	49	19	65	133	198	48	14	13	9	11		32.2	21.8	68.1	101	84.2	76.7	101	85.3	80.4	170	171	186	169	171	219	227	199	162	191						
Geelong Clay Target club	50	48	61	113	202	49	40	40	36	38	32		15.5	62.2	86.4	82.7	85.2	85.9	82.4	85.6	157	157	161	155	157	213	220	193	156	186						
Little River Shooting Range	38	33	72	121	191	37	28	28	24	26	20	16		50.9	106	102	89.7	105	102	93.5	186	186	190	184	186	201	209	181	145	174						
Melbourne Cricket Ground	7	67	142	106	163	11	64	61	58	60	54	57	42		120	117	119	120	116	120	160	160	164	158	160	172	180	152	91.9	144						
Mars Stadium	79	79	8	88	235	79	77	77	73	75	73	64	74	82		3.2	8.7	1.9	3.6	6.9	117	119	122	116	118	274	282	254	210	176						
Ballarat Town Centre	80	73	3	92	236	80	71	72	68	70	68	65	75	83	6		6	4.8	2.5	3.9	120	121	125	119	121	270	278	250	206	177						
Ballarat , Bunninyong	80	65	6	95	236	80	64	64	60	62	60	67	68	84	12	8		10.2	6.5	3.7	124	125	128	122	124	272	281	253	209	182						
Ballarat Minerdom	77	77	9	87	233	78	75	76	72	74	72	63	73	81	3	7	13		5.7	8.4	117	118	121	116	117	274	281	254	210	175						
Eastern Oval, Ballarat	79	75	6	92	234	79	74	74	70	73	71	64	74	82	6	6	10	8		5.9	119	120	123	117	119	269	277	249	210	176						
Ballarat Sports & Entertainment Venue	83	67	8	97	238	84	65	65	62	63	61	68	70	87	11	7	4	12	12		125	126	129	124	125	274	281	255	211	182						
Bendigo Lawn Bowls Club	107	144	96	4	259	105	138	137	134	136	133	117	125	110	90	95	97	89	96	98			5.5	6.5	1.3	2.1	318	325	291	248	93.6					
Bendigo Sports and Entertainment Centre	107	145	97	8	259	105	139	139	135	137	135	117	125	110	91	96	98	91	97	100	9			5.1	4.3	4.5	310	325	290	247	91.9					
Wellsford Rifle Range	109	149	100	9	261	107	143	142	139	140	138	118	126	111	95	100	103	95	101	104	9	8			6.6	4.5	321	322	301	256	89					
Queen Elizabeth Oval, Bendigo	106	142	94	2	258	103	137	135	132	134	132	116	124	109	89	93	96	88	95	97	3	8	9		2.2	310	318	290	251	92.7						
Bendigo Tennis Complex	108	144	96	4	260	106	138	138	134	136	134	118	126	110	90	95	97	90	96	99	4	7	6	4		318	326	291	253	92						
Latrobe City Stadium, Morwell	112	171	185	210	56	113	163	164	169	161	156	160	144	111	187	189	189	187	187	191	215	217	219	215	216		11.7	20.9	176	294						
Gippsland Regional Indoor Sports Stadium Traralgon	114	173	187	212	46	115	166	166	162	164	158	142	147	113	190	191	192	190	190	193	219	210	222	217	219	11		184	294							
Ted Summerton Reserve, Moe	99	160	173	197	66	100	151	151	147	149	144	147	132	98	175	176	175	176	179	203	214	207	203	204	19	24		157	275							
Moonah Links Golf course	74	122	146	230	171	74	121	121	127	121	117	120	105	72	149	150	149	148	149	152	173	174	234	170	171	127	131	113		230						
Lake Nagambie Rowing Centre	94	139	130	70	247	93	132	132	129	131	125	128	114	97	130	134	134	129	132	135	71	69	65	71	69	200	201	187	157							
Cycling Tour - Stage 1 (TBC)																																				
Cycling Tour - Stage 2 (TBC)																																				
Cycling Tour - Stage 3 (TBC)																																				
Cycling Tour - Stage 4 (TBC)																																				

Travel time in minutes →







# Transport

Arrivals and Departures

# Arrivals and Departures

Dedicated transport teams in Melbourne and within each regional host city will implement the transport plan to the highest standards, working with the relevant authorities to deliver a smooth arrivals and departures process at international and domestic ports.

The LOC will work with Melbourne and Avalon Airport and Federal Government authorities to secure priority immigration and expedited customs clearance, streamlined baggage handling procedures and direct transfers to accommodation. These arrangements have been successfully delivered for major sporting events in Australia for many years.

## International travellers

Australia provides numerous arrival options for international travellers.

Airport	City	Airlines	Destinations
Melbourne International Airport	Melbourne, Vic	33	55
Avalon International Airport	Geelong, Vic	3	
Sydney Kingsford Smith International Airport	Sydney, NSW	47	85
Brisbane International Airport	Brisbane, Qld	36	60
Perth International Airport	Perth, WA	27	38
Adelaide International Airport	Adelaide, SA	15	26

## Melbourne International Airport

Melbourne Airport is a major international and domestic gateway for Australia. Located 23 Kms from the CBD it supports six of the 10 busiest domestic flight routes and is in the top 60 busiest airports in the world and is one of only a few airports in Australia that operate on a 24-hour basis.

Every day 60% of all domestic and short haul international aircraft cycle through Melbourne Airport.

Melbourne airport welcomed 37.4 million passengers in 2019 with this expected to grow to an estimated 68 million by 2030.

## Terminals

4 terminals operate at Melbourne Airport including

- International terminal (T2) with 15 departure gates
- 3 x Domestic terminals with 53 domestic departure gates. The Domestic terminals service 6 domestic carriers including Qantas (T1), Virgin (T3), Jetstar, Rex, Alliance and Airnorth (T4)

## Runways

Runways are the backbone of airport infrastructure. Melbourne Airport currently operates with two runways delivering around 55 movements per hour.

Plans are underway to expand the airport with a third runway to increase capacity to keep up with Victoria's domestic and international travel growth and population growth demands. This would expand aircraft movements per hour to around 100.

## Connectivity to city centre

Melbourne Airport is currently connected to the Melbourne City Centre via a major freeway and arterial system. Skybus operates six services operating on a regular schedule along with car rental, taxi and rideshare options.

# Arrivals and Departures

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## Avalon Airport

Avalon is Victoria's second Airport providing international and domestic flights. Located 55 kms from the Melbourne CBD and 25 km from the Geelong CBD it supports domestic flight routes and a limited number of international routes.

### Terminals

2 terminals operate at Avalon Airport including

- International terminal (T2) servicing Jetstar, AirAsia and Citilink; and
- 1 x Domestic terminal (servicing Jetstar)

### Runways

Avalon Airport currently operates with one runway

### Connectivity to city centre

Avalon Airport is currently connected to the Melbourne City Centre via a major freeway and arterial system the Princes Freeway. Skybus operates services on a regular schedule along with car rental, taxi and rideshare options.

### Airlines

Jetstar flies between Avalon Airport and Sydney, Adelaide and Gold Coast

Air Asia operates twice daily between Avalon Airport and Kuala Lumpur

Citilink operates between Avalon and Denpasar, Bali

## Bendigo Airport

Bendigo Airport is the largest capacity airport in north-central Victoria, approximately 130 km from Melbourne Airport – it has a catchment that extends up into New South Wales and encompasses other regional centres including Shepparton.

### Terminals

One modern terminal operates at the Airport

### Runways

Bendigo Airport currently operates on one runway

### Connectivity to city centre

Bendigo Airport is six kilometres or nine minutes by car to the Bendigo CBD. Car parking is affordable and located within a short walk to the terminal.

### Airlines

The airport offers a range of commercial and light aircraft operations. QantasLink flights operate between Bendigo and Sydney Airports





# Regional Review

Transport supply



# Summary of Transport Supply

	Geelong	Bendigo	Ballarat
<b>Bus Companies</b>	<p>Geelong is serviced by:</p> <ul style="list-style-type: none"> <li>McHarry's Bus lines (includes 6 Diesel/Electric Hybrids)</li> <li>Deakin University Bus Services</li> <li>CDC Victoria</li> </ul>	<p>Bendigo is serviced by 3 bus companies:</p> <ul style="list-style-type: none"> <li>Bendigo Bus Co</li> <li>Bendigo Coachlines</li> <li>Christians Bus Bendigo</li> </ul>	<p>Ballarat is serviced by:</p> <ul style="list-style-type: none"> <li>Ballarat Airport Shuttlebus</li> <li>CDC Victoria</li> <li>Ballarat Coachlines</li> <li>Christians Bus Ballarat</li> </ul>
<b>Airport</b>	<p>Geelong is serviced by Avalon Airport</p> <p>International arrivals are expected to come through Melbourne Tullamarine Airport (60 min. drive) although travellers can transit though Sydney directly to Avalon Airport</p>	<p>Bendigo is serviced directly by Bendigo Airport.</p> <p>International arrivals are expected to come through Melbourne Tullamarine Airport (60 min. drive) although travellers can transit though Sydney directly to Bendigo Airport</p>	<p>There is no direct airport in Ballarat. The most accessible is Melbourne Tullamarine (60min drive).</p>
<b>Airport Access</b>	<p>No direct connection from Avalon Airport to Geelong; Skybus offer 2x daily Avalon to Werribee services</p>	<p>Bendigo Airport Bus runs a service to Melbourne Tullamarine.</p>	<p>There are 2 options to Melbourne Tullamarine</p> <ul style="list-style-type: none"> <li>Ballarat Airport Shuttlebus</li> <li>Train to Southern Cross - Skybus to Airport</li> </ul>
<b>Other transportation</b>	<ul style="list-style-type: none"> <li>Southern Cross - South Geelong Train Station (5min walk to KP/Aquatic Centre); or</li> <li>To North Geelong Train Station (1min walk to Geelong Arena);</li> <li>No direct access to shooting clubs (10km from Little River Train Station)</li> </ul>	<p>Bendigo is serviced by the following train service:</p> <ul style="list-style-type: none"> <li>Southern Cross - Bendigo - V/Line Service - hourly service (1h55m)</li> </ul>	<p>Ballarat is serviced by the following train service:</p> <ul style="list-style-type: none"> <li>Southern Cross - Ballarat (90min train)</li> <li>There is no direct link to Mars Stadium (2.9km) - Shuttle Buses between stadium and train station typical service for large events</li> </ul>
<b>Accessible Transport</b>	<ul style="list-style-type: none"> <li>Geelong Taxi Network (30 accessible taxi's)</li> <li><a href="#">Geelong CBD Accessibility Map</a></li> </ul>	<ul style="list-style-type: none"> <li>Taxi's Bendigo has accessible solutions</li> </ul>	<ul style="list-style-type: none"> <li><a href="#">Ballarat Accessibility Map</a></li> </ul>

# Summary of Transport Supply

	Gippsland	Mornington Peninsula (Golf)	Nagambie (Rowing)
<b>Bus Companies</b>	<p>Gippsland is serviced by:</p> <ul style="list-style-type: none"> <li>• O'Connells Omea Bus Services;</li> <li>• Gillick's Bus lines;</li> <li>• Hazelwood Coaches;</li> <li>• Lakes Mini Bus Charter;</li> <li>• Coopers Hire &amp; charter;</li> <li>• Stewarts Buslines;</li> <li>• Dyson Group;</li> <li>• Little's Gippsland Coaches;</li> <li>• Gippsland Bus Services;</li> <li>• Perry's Bus Services;</li> <li>• Latrobe Valley Buslines</li> </ul>	<p>Mornington is serviced by:</p> <ul style="list-style-type: none"> <li>• Venturea Bus (Ventura supplied the Presidents Cup 2019 as well as services for Melbourne Cup Carnival to Mercury Principle Events)</li> </ul>	<p>Shepparton and regions are serviced by:</p> <ul style="list-style-type: none"> <li>• Fords Shepparton Bus Service</li> <li>• LC Dyson Bus Charters</li> </ul>
<b>Airport</b>	<p>Mornington is serviced by:</p> <ul style="list-style-type: none"> <li>• Melbourne Tullamarine Airport</li> </ul>	<p>Mornington is serviced by:</p> <ul style="list-style-type: none"> <li>• Melbourne Tullamarine Airport</li> </ul>	<p>Shepparton is serviced by:</p> <ul style="list-style-type: none"> <li>• Bendigo Airport (120km)</li> <li>• Melbourne Tullamarine (171km)</li> </ul>
<b>Airport Access</b>	No direct service.	No direct service; Bus-Train-Bus (6hr)	<ul style="list-style-type: none"> <li>• Dysons Bus (Bendigo)</li> <li>• Balfours Airport Direct Bus Service (MEL)</li> </ul>
<b>Other transportation</b>	<p>Mornington is serviced by the following train:</p> <ul style="list-style-type: none"> <li>• Southern Cross - Bairnsdale V/Line train service</li> <li>• Southern Cross – Traralgon</li> </ul>	<p>Mornington is serviced by the following train:</p> <ul style="list-style-type: none"> <li>• Southern Cross – Frankston</li> </ul>	<p>Shepparton is serviced by the following train:</p> <ul style="list-style-type: none"> <li>• Southern Cross – Shepparton</li> </ul>
<b>Accessible Transport</b>			





# Security

DRAFT Report



# INFORMATION SECURITY AND HANDLING INSTRUCTIONS

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- This document is classified IN-CONFIDENCE which means it contains sensitive information pertaining to proposed operational arrangements for a Major Event.
- On receipt of this document, you must take all reasonable action to protect and maintain the security of this document including
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- References:
  - a. Australia and New Zealand Standard on Risk Management AS/NZS ISO 31000.
  - b. CGF Candidature File
  - c. National Security Arrangements – Department of Home Affairs - Protective Security Policy Framework - In line with Policy 7 of the Protective Security Policy Framework (PSPF) when entities establish new agreements and arrangements they should contact the Attorney-General's Department to discuss their information sharing requirements



# Security

Governance arrangements

# Governance

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Australia is a very welcoming country where people of many different nationalities and cultures live and work together peacefully. There is no significant history of terrorist events and terrorist-related violence is rare. The nation has always promoted social cohesion, also reducing the risk of politically motivated, secular or ethnic violence. All this contributes to Australia's reputation as one of the safest nations in the world.

A desktop review of major event security across numerous major sport events since the Commonwealth Games in 2006 has demonstrated there have been no large-scale security incidents at any of the sporting events hosted in the State of Victoria.

Australia has a Strategic Governance Model for national security to support global events. The Federal Government together with National and State security agencies and organisations, are a triumvirate that work together in order to maximise effort and response. This shared security group model ensures that all intelligence, threats and details are built into planning and operations to reduce risk.

The LOC will develop and implement strict security protocols at all levels to support the Commonwealth Games in Victoria (the Games), overseen by a dedicated Head of Security working closely with the relevant levels of Government and stakeholders responsible for the delivery of safety and security for the Games.

The underpinning principles that will shape event security planning will be:

- An integrated delivery approach will be applied to ensure effective coordination between key security stakeholders including the CGF, Australian Government and agencies, Victorian Government agencies and security stakeholders, venues and the private security sector
- Intelligence led, risk-based approach to planning
- Policing security arrangements will be delivered within existing statutory and jurisdictional responsibilities
- Security arrangements will be delivered in a friendly and discreet manner.

# Responsibilities

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It is proposed that the delivery of security for the Games is managed under the integrated delivery approach through the establishment of a Security Directorate (SD).

- Chaired by the LOC Head of Security, membership of the SD include senior event management and security staff from the LOC.
- The Security Directorate (SD) is the 'senior' authority for Games Security planning, including priorities, direction, risk management and policy. Specifically, the SD will provide requirements and guidance to key stakeholders responsible for planning and developing the safety and security plans in each Host City.

The creation of the SD provides the highest level of assurance for a safe and secure environment for the Games. Under this model, the SD will undertake all Games security planning, working closely with all parties regarding requirements.

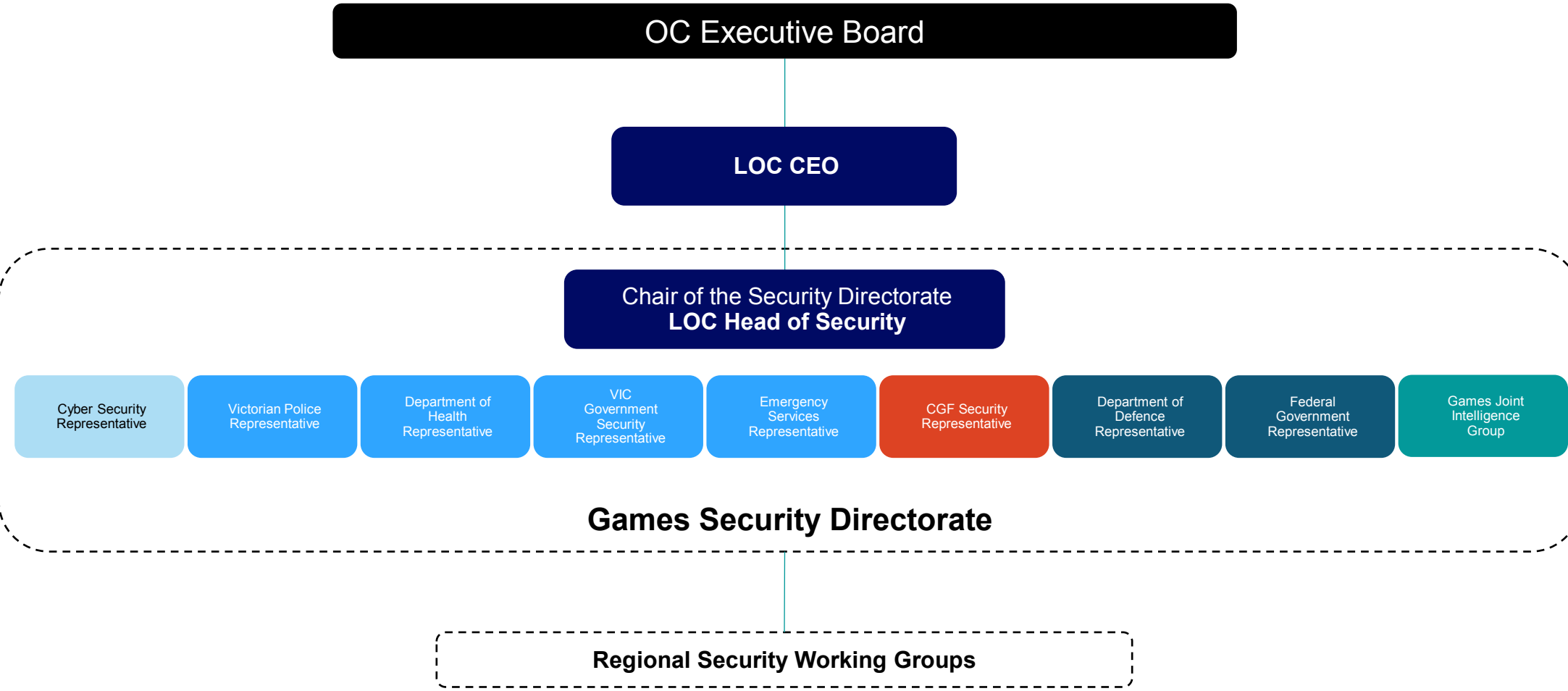
The SD will also have ultimate responsibility for the identification, recruitment, training and deployment of Games security personnel, recognising that the majority of these resources will be drawn from existing agencies with law enforcement and emergency response mandates and reputable contract security agencies.

The responsibilities of the SD are to:

- Provide guidance to key stakeholders responsible for planning and developing the safety and security plans in each city/ region hosting Games events in line with the CGF Regulations and Security requirements
- Provide advice to the CGF, LOC Executive and LOC Board regarding the status of Games security plans and measures appropriate to the risk and threat assessments
- Establish an appropriate Security governance framework which aligns with extant Australian security government arrangements to facilitate and enhance integration and a "One-Games approach" between all security stakeholders - CGF, Victorian Government, Australian Government and agencies, Host City Coordination Groups and Victorian Police and Emergency services
- Ensure that all venues are compliant with Minimum Standards for Games and other designated CGF Operating policies
- To engage, collaborate and form effective partnerships with the Victorian Police and other Emergency Service Agencies in the delivery of the security services across the Games
- To engage, collaborate and form effective partnerships with AUSGOV through the Major Sporting Games Taskforce
- To participate and contribute to the AUSGOV Major Sporting Events Security Working Group



# High Level Structure



# Strategic Approach

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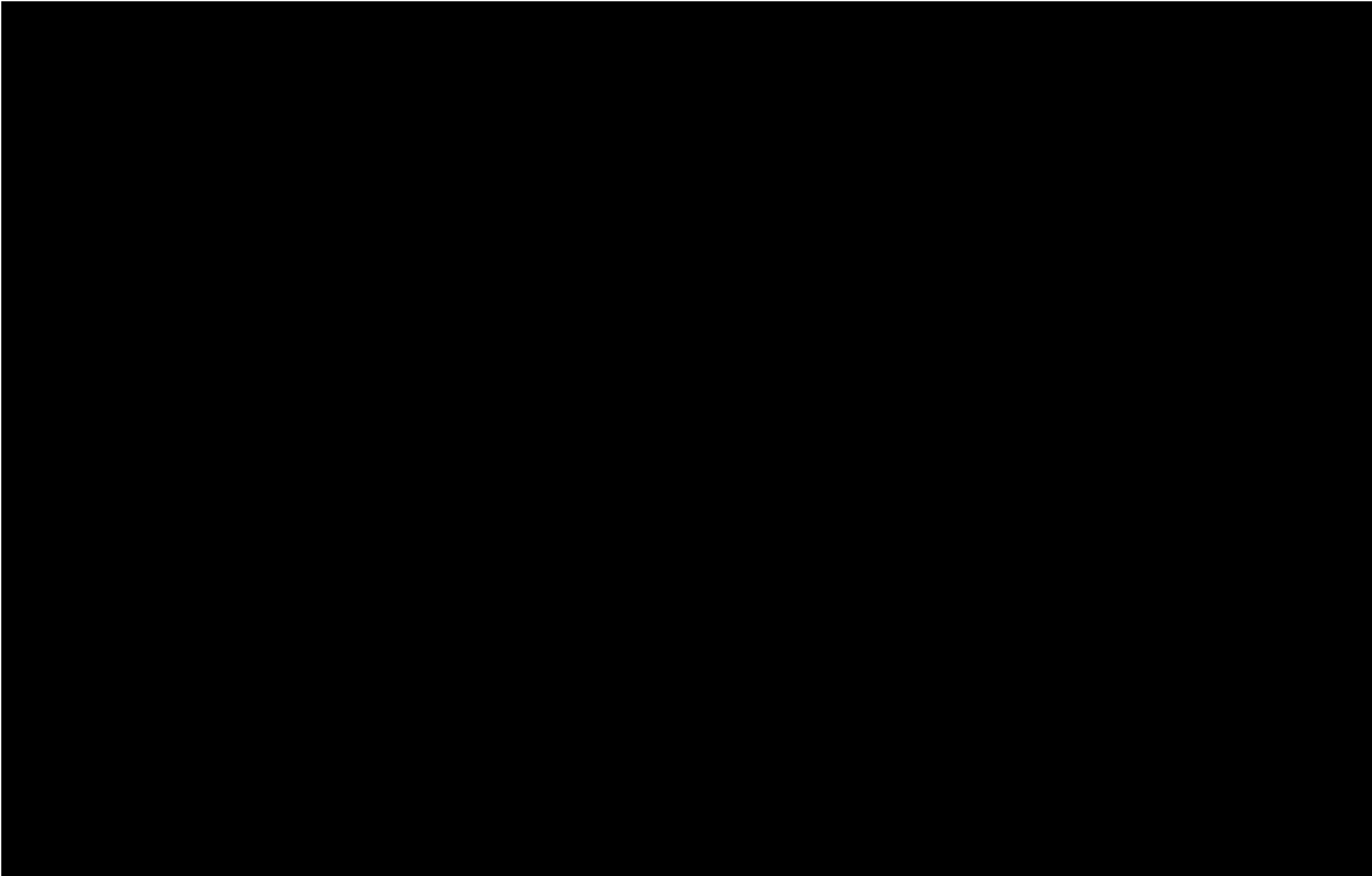
The security strategy for the Games will be developed to set out the vision, mission, success factors and strategic goals and objectives that enable the delivery of highly effective security operations, jointly with the LOC and the associated Agencies.

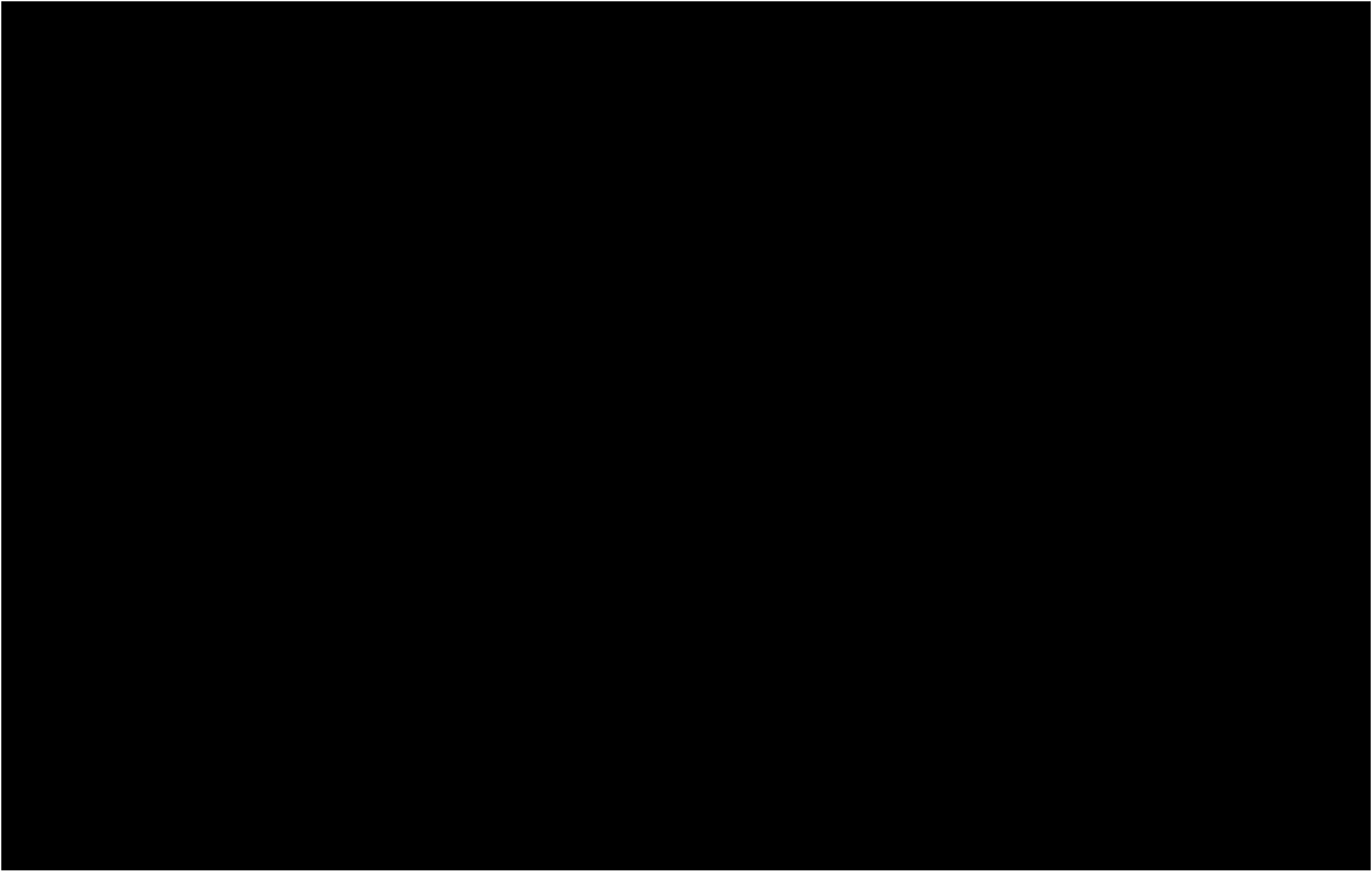
Through successfully bidding for and delivering major events, Victoria has demonstrated an ability to plan, prepare, deploy and execute a wide range of world's best practice preventative security measures.

These measures include:

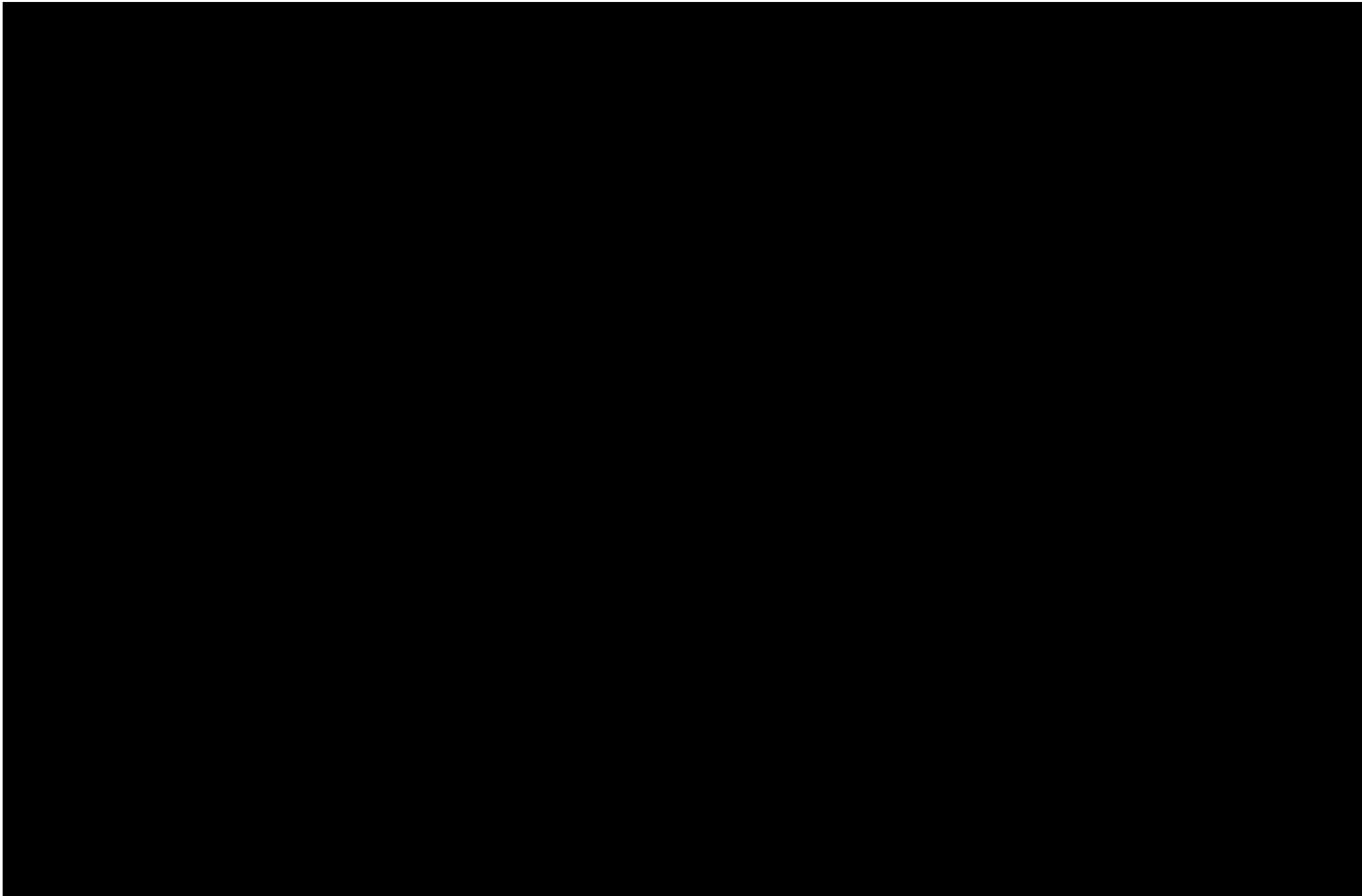
- Detailed risk assessments supported by intelligence-based threat assessments.
- Specific counter-terrorism legislation and an effective anti-terrorism plan that is regularly reviewed, updated, drilled and exercised.
- A robust command and control system including an integrated command centres across various command levels.
- Well-developed operational and tactical understood policies and procedures reinforced through a comprehensive Games-readiness training and exercise programme.
- Secure voice and data networks.
- Effective national intelligence and security agencies capable of cooperating internationally and supporting the Games risk management framework.
- A comprehensive security staff training plan .
- An integrated logistics system; and
- Secure borders

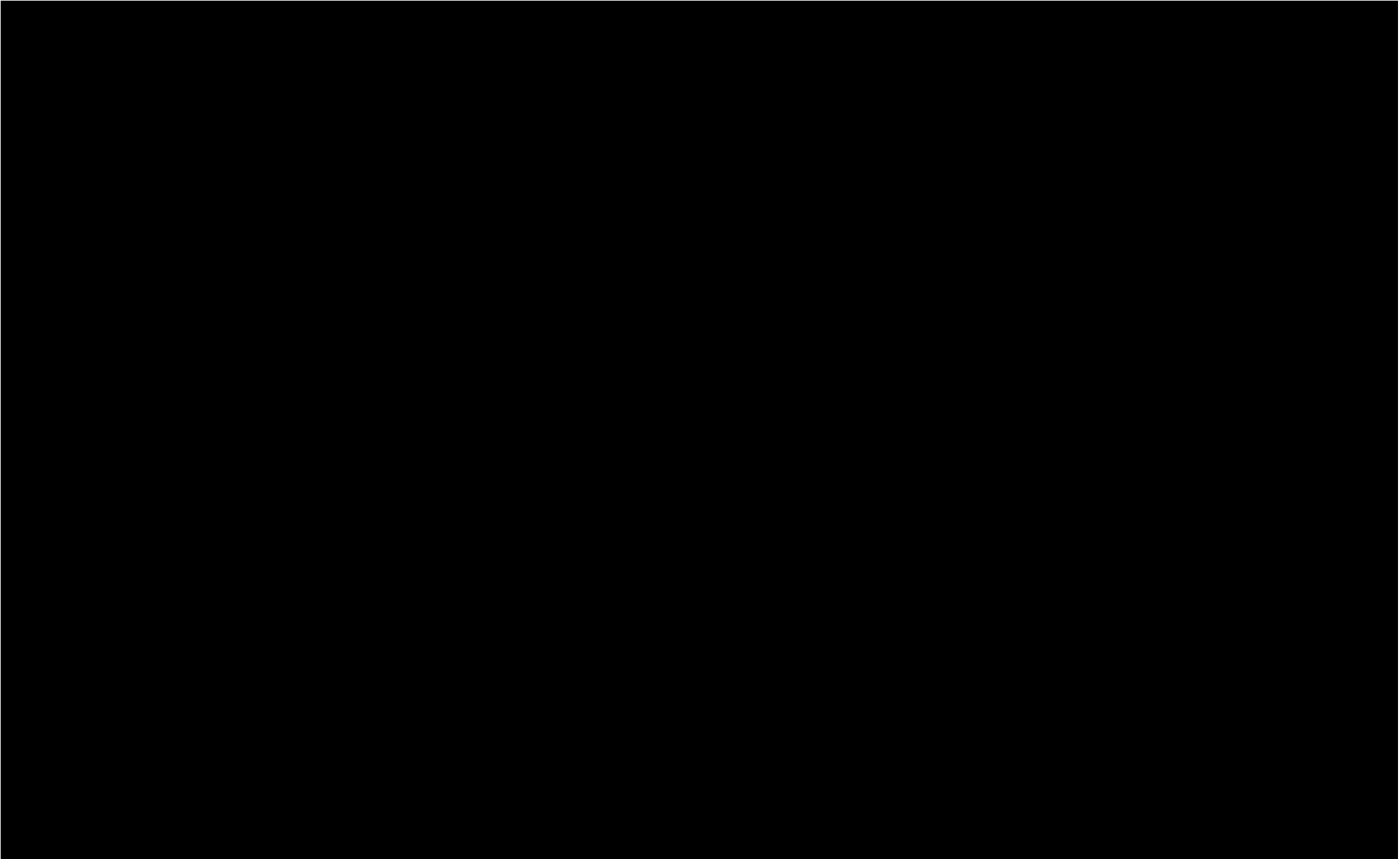
**Australia has an exemplary record in effective, unobtrusive security operations at major events. A single, integrated security structure will coordinate the security operations of all host cities. Legislation in Australia provides a strong framework for event security operations.**













# Security

Resources

# Safety and Security Resources

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The Government and country's security agencies are fully committed to ensuring safety and security to the stakeholders during the Games protecting the reputation of Victoria as an exemplary event host. Sitting at the heart of Victoria's strategic approach in the State is based on a multi-agency, multi-disciplinary national effort integrating the Games structures and responsibilities with standing national security agencies and business as usual responsibilities.

The security requirements for the Games will be significant during the planning and delivery phases and the objective of the State of Victoria is committed to supporting the delivery of an effective security framework without compromising the welcoming environment for all Games clients. This will be implemented with a mix of emergency services personnel and contract security.

Victoria Police has approximately 22,000 personnel a portion of which will be deployed to the Games. Based on Gold Coast 2018, approximately 110 police personnel were involved in pre-games planning and during the event over 3,700 officers were deployed to deliver policing services.

It is estimated that up to 5,000 contract security will be required to service the Games – this number is proportionately higher than the 4,000 who serviced the 2018 Games given the regional dispersal model. In 2018 – four (4) specialist companies were contracted to deliver services including MSS Security, Wilson Security, SecureCorp and SNP – all national security companies with demonstrated ability to source trained staff and deploy to Games areas – it is planned that this will be supplemented by a program to source and train specialist security personnel in regional Victoria - implemented across the 4 main Games hub regions to reduce the impact on accommodation. A competitive tender will be issued to deliver contract security services across Victoria in 2026.

A high level estimate of a combined security workforce of 12,000 personnel is expected. The balance of security personnel will consist of volunteers mainly undertaking support roles at venue access control points.

Ambulance Victoria has 5,010 operational staff including 4,497 on-road clinical staff and 574 MICA paramedics and 257 volunteers (Ambulance Victoria Annual Report 2020 – 21). In line with current practice in Victoria, the LOC can explore other options with Government and Emergency Service Agencies to provide standby support from other health and emergency service partners including:

- Australian Defence Force
- Country Fire Authority
- Fire Rescue Victoria
- Forest Fire Management Victoria
- Life Saving Victoria
- St John Ambulance Victoria
- State Emergency Service

In 2006 the Australian Defence Force were deployed into specialist roles including security sweeps and vehicle check points. In consultation with the relevant National and State Governments a similar model will be explored for 2026.





**Security**

Funding

# Safety & Security Delivery

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To meet the requirements of the Games, a multi-agency Security Directorate (SD) will be established to ensure the seamless integration of all security agencies, including the police force and emergency services within the existing structures of Government. The SD will have responsibility for all aspects of security planning and operations, bringing together all the relevant public and private security and emergency organisations under a single chain of command.

The SD will work closely with the LOC to ensure the security operation is developed in complete alignment with Venue Development and Planning.

At Gold Coast 2018 over 4,000 venue security personnel were deployed. A full assessment of requirements will be undertaken as part of the strategic planning phase to identify the requirement for licensed security contractors to supplement law enforcement authorities. As with previous event, it would be anticipated that these services will be procured by LOC and managed to maintain a safe environment inside the venues and where spectators congregate.

During the Games an integrated Security Command Centre will be established to coordinate all security and emergency operations.

The security requirements for the Games will be significant. The budget and resources will be proportionate with the size of these Games and regional delivery model. The challenges an LOC normally face in planning and testing security arrangements will be streamlined in Victoria as the State has tested arrangements across multiple major events and will continue to test in major events to be held in the lead up to the Games.

**NEED TO INSERT FINAL BUDGET FIGURE**

## Infrastructure requirements

Some 900 x-ray machines and 1,000 walkthrough metal detectors were deployed at the London 2012 Commonwealth Games. Over the recent editions of Olympic and Commonwealth Games it is reported that on average, 30 per cent of security scanning equipment was not used.

Based on the security delivery model for previous events it is assumed that the Games in 2026 will require 100% security screening of all people and materials entering venues. There is the ability to reduce unused facilities and services (vehicle screening / pedestrian screening portals) by better matching actual needs as per the data captured during previous editions of the games.

Initial assessments assert that due to the dispersed nature of the Games , geographically there is the option to deploy resources in line with competition schedules and peak times to efficiently use infrastructure across the Games .

Future planning in this respect will take into consideration client group waiting times, both on average and at peak times. The LOC will undertake detailed modelling to achieve efficiencies. It is also expected that the LOC will also achieve efficiencies from modern screening technologies emerging in the industry and expected advancements of this between now and 2026.



**Disclaimer:**

**MI are not specialists in major event security planning, the information contained herein has been prepared based on previous Games delivery experience and work undertaken for bidding cities. All information should be validated with the relevant agencies prior to undertaking commitments.**

**At the time of preparing this report it is not possible to confirm that the relevant authorities will provide a written undertaking to CGF that those relevant authorities shall take all necessary measures to guarantee the safety and security of all Designated Persons and all other people attending the event in the Host country and assume all responsibilities (and be responsible for all associated costs) allocated to those relevant authorities in accordance with the terms of the Draft Host Agreement.**

**The provisions in the Draft Host Agreement will be discussed as part of further contractual negotiations. The relevant Government departments in Australia will be approached in due course to provide assurances relating to the approach to planning and providing security for the event in 2026.**





# Medical & Doping

Report





**Medical**

# Health Care System

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## The Australian Health System

Australia benefits from access to world-leading healthcare systems, providing safe and affordable healthcare. Foreign visitors can expect to receive excellent healthcare in both the public and private systems. Australia offers free emergency care in public hospitals, for local residents and foreign visitors.

Visitors to Australia are advised to secure private travel insurance to cover medical expenses for the duration of their stay to ensure access to the comprehensive medical services available.

## Australian Healthcare Agencies

The Australian healthcare system is jointly run by all levels of Australian Government; federal, state / territory and local government. The Australian Government Department of Health sets the framework for Australia's health policy whilst day-to-day health services are provided by the respective state and territory governments, including public hospitals.

In Victoria, the Department of Health is Health and Ambulance Services, Mental Health and Ageing portfolios.

The healthcare system provides access to first class medical services including primary care services delivered by general practitioners, medical specialists, allied health workers and nurses.

## Athletes and Officials

World class care for athletes and all officials will be provided in line with the Medical Standards for CGF. Dedicated emergency and non-emergency medical services will be provided for key stakeholder groups as required by the CGF.

Games facilities and accommodation are in close proximity to public and private hospitals offering world standard care. Leading hospitals offer a full range of services and 24-hour emergency departments.

Treatment will be provided to CGF officials and delegates by the best equipped hospital or medical facility identified within close proximity to the proposed accommodation sites. This includes immediate medical treatment at no cost and the allowance for one additional family member to also be covered.

# Health Care System

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## Health Care Expenses

Health and hospital services are available to all Australian Citizens through Medicare, the Australian Government public health system. This provides access to medical services, pharmaceuticals and public hospital treatment.

The Australian Government has Reciprocal Health Care Agreements (RHCA) with Belgium, Finland, Ireland, Italy, Malta, Netherlands, New Zealand, Norway, Slovenia, Sweden and the United Kingdom. Citizens of these countries who meet the necessary conditions are entitled to emergency treatment for illnesses and injuries through Australia's Medicare system and public hospitals.

If visitors are not from one of the countries covered by an RHCA and treatment in a public hospital is required, payment for the full cost of any care will be required. Private health and travel insurance may cover some costs.

Visitors to Australia are advised to obtain private travel insurance to cover any medical expenses for the duration of their stay to ensure access to the most comprehensive medical services. Most visas require overseas visitors to hold private health insurance during their stay in Australia.

## Emergency Response Capability

The Australian and Victorian Government has established and tested emergency response arrangements. Legislation provides for any large-scale emergency response to be led by the relevant state agency in accordance with clearly documented emergency and disaster management plans. These plans assign an appropriate lead agency, supported by all emergency services including police, ambulance and fire brigade and supported by other relevant specialist agencies.

Sources: <https://www.health.vic.gov.au/about>, <https://www.betterhealth.vic.gov.au/health/servicesandsupport/overseas-visitors-and-healthcare#overseas-students-and-healthcare>

# Health Care System

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## Hospitals & Health Services

Victoria has over 300 hospitals and health services, including large public and private hospitals, specialist mother and children's hospitals, rehabilitation facilities, rural and regional health services. These services are committed to delivering quality care from world leading health workers. A full breakdown of Hospitals is included in Appendix 1.

There are three major adult trauma centres in Victoria. Each of these hospitals are among the best in Australia.

1. **The Alfred Hospital**, located in Prahran (Melbourne CBD) has the largest intensive care unit in Australia. The hospital is managed by Alfred Health and is one of Australia's busiest hospitals.
2. **Royal Melbourne Hospital**, located in Parkville (Melbourne CBD) treats up to 4000 trauma patients every year and provides emergency, trauma and critical care 24 hours, 7 days a week.
3. **The Royal Children's Hospital**, located in Parkville (Melbourne CBD) provides emergency treatment and ongoing care for the majority of Victoria's most severely injured children up to 16 years of age.

## Beds

There are over 20,000 beds across all hospitals including 750 dedicated ICU beds between the public and private system.

There are approximately 0.002 beds per capita, based on Victoria's population of 6.681 million.

Source: <https://www.parliament.vic.gov.au/questions-database/details/53/2794>

## Ambulance

The latest statistics for Ambulance services in Victoria are as follows:

- Median response time for life threatening injuries – 9 minutes
- Median response time for other incidents – 12 minutes

Source: <https://vahi.vic.gov.au/reports/victorian-health-services-performance/ambulance-services>





**Melbourne**

# Melbourne – Main Hospitals & Key Services

Hospital	Location	Overview	Key Services
The Alfred Hospital	Melbourne CBD	Run by Alfred health, it is one of the busiest and largest hospitals in Melbourne with the states largest intensive care unit and emergency and trauma centre.	<ul style="list-style-type: none"> <li>• 24 hour Emergency</li> <li>• Major Trauma Service</li> <li>• Intensive Care</li> <li>• Special Care Nursery</li> <li>• Pathology</li> <li>• Nuclear Medicine</li> <li>• Radiology (Angiography, CT, fluoroscopy, MRI, OPG, Ultrasound, X-Ray)</li> <li>• Rehabilitation</li> <li>• Physiotherapy</li> <li>• Mental Health</li> <li>• Burns service</li> <li>• Dental</li> <li>• General Medicine</li> <li>• Acute Medical and surgical specialities</li> </ul>
Royal Melbourne Hospital	Parkville (Melbourne CBD)	Treats up to 4000 trauma patients every year and provides emergency, trauma and critical care 24 hours, 7 days a week.	<ul style="list-style-type: none"> <li>• 24 hour Emergency</li> <li>• Major Trauma Service</li> <li>• Intensive Care</li> <li>• Pathology</li> <li>• Nuclear Medicine</li> <li>• Radiology (CT, fluoroscopy, MRI, Ultrasound, X-Ray)</li> <li>• Rehabilitation</li> <li>• Mental Health</li> <li>• Physiotherapy &amp; Exercise Physiology</li> <li>• Dental</li> <li>• General Medicine</li> <li>• Acute Medical and surgical specialities</li> </ul>

# Melbourne – Main Hospitals & Key Services

Hospital	Location	Overview	Key Services
The Royal Children’s Hospital	Parkville (Melbourne CBD)	The RCH is a major specialist paediatric hospital in Victoria and are the designated state-wide trauma centre for paediatrics in Victoria. RCH delivers a patient and family focused healing environment.	<ul style="list-style-type: none"> <li>• 24 hour Emergency</li> <li>• Major Trauma Service</li> <li>• Intensive Care</li> <li>• Pathology</li> <li>• Blood Transfusion</li> <li>• Burns Unit</li> <li>• Medical Imaging (CT, DSA, MRI, MR PET, Ultrasound, X-Ray, Nuclear medicine)</li> <li>• Day Medical Care</li> <li>• Allied Health</li> <li>• Dental</li> <li>• Extensive range of general medicine and surgical specialities</li> </ul>
St Vincent Hospital	Fitzroy	A facility of St Vincent’s Health Australia. There is over 880 beds across the service. They deliver a high quality treatment, teaching, education and research facility.	<ul style="list-style-type: none"> <li>• Emergency &amp; Critical Care</li> <li>• Intensive Care</li> <li>• Pathology</li> <li>• Radiology</li> <li>• Rehabilitation</li> <li>• Allied Health including physiotherapy &amp; podiatry</li> <li>• General Practice Clinics</li> <li>• General Medicine</li> <li>• Acute Medical and surgical specialities</li> </ul>





**Geelong**



# Geelong – Main Hospitals & Key Services

Hospital	Location	Overview	Key Services
University Hospital Geelong	Geelong	Run by Barwon Health, the hospital provides high quality care for Geelong and South Western Victoria.	<ul style="list-style-type: none"> <li>• 24 hour Emergency</li> <li>• Intensive Care (ICU)</li> <li>• Pathology</li> <li>• Children's Ward</li> <li>• Nuclear Medicine</li> <li>• Radiology (CT, MRI, OPG, PET, Ultrasound, X-Ray)</li> <li>• Rehabilitation</li> <li>• Physiotherapy</li> <li>• Mental Health</li> <li>• General Medicine</li> <li>• Acute Medical and surgical specialities including orthopaedic</li> </ul>
Urgent Care Centre	Norlane	Provides a walk in service for people with minor injuries and illnesses that require immediate attention. Barwon Health North's Urgent Care Centre between 8am-10pm Friday to Monday and 2pm-10pm Tuesday to Thursday .	<ul style="list-style-type: none"> <li>• Possible sprains or broken bones</li> <li>• Minor cuts that need stitches or glue</li> <li>• Sports injuries</li> <li>• Minor eye and ear problems</li> <li>• Minor burns and scalds</li> <li>• Minor illnesses including fever, infections and rashes</li> <li>• Insect and animal bites</li> </ul>



**Bendigo**

# Bendigo – Main Hospitals & Key Services

Hospital	Location	Overview	Key Services
Bendigo Hospital	Bendigo	Bendigo Health is a leading regional health service and is one of the few regional hospitals which has the top level of emergency department. A 724-bed service, Bendigo Health treats more than 49,000 inpatients and deals with more than 52,000 emergency attendances.	<ul style="list-style-type: none"> <li>• 24 hour Emergency</li> <li>• Intensive Care (ICU)</li> <li>• Special Care Nursery</li> <li>• Pathology</li> <li>• Nuclear Medicine</li> <li>• Radiology (x-ray, CT, MRI, Ultrasound, DEXA (bone densitometry), OPG (dental), Breast Screen and Interventional Procedures and PET)</li> <li>• Rehabilitation</li> <li>• Physiotherapy</li> <li>• Mental Health</li> <li>• Ophthalmology</li> <li>• Dental</li> <li>• General Medicine</li> <li>• Acute Medical and surgical specialities including orthopaedic</li> </ul>





**Ballarat**



# Ballarat – Main Hospitals & Key Services

Hospital	Location	Overview	Key Services
Ballarat Base Hospital	Ballarat	Ballarat health Services is now a subsidiary of Grampians Health, the body that oversees the main public health services in the Grampians region in Victoria. The hospital has recently undergone a \$541.6 million development.	<ul style="list-style-type: none"> <li>• 24 hour Emergency</li> <li>• Intensive Care (ICU)</li> <li>• Special Care Nursery</li> <li>• Pathology</li> <li>• Nuclear Medicine</li> <li>• Radiology (CT, fluoroscopy, MRI, Ultrasound, X-Ray)</li> <li>• Rehabilitation</li> <li>• Allied Health (Physiotherapy)</li> <li>• Mental Health</li> <li>• Dental</li> <li>• General Medicine</li> <li>• Acute Medical and surgical specialities</li> </ul>



La Trobe

# Melbourne – Main Hospitals & Key Services

Hospital	Location	Overview	Key Services
La Trobe Regional Hospital	Traralgon	<p>Latrobe Regional Hospital is the Gippsland’s referral and trauma centre located 150km east of Melbourne.</p> <p>LRH is also a purpose-built teaching hospital caring for a population of more than 260,000 people.</p>	<ul style="list-style-type: none"> <li>• 24 hour Emergency</li> <li>• Intensive Care</li> <li>• Pathology</li> <li>• Radiology</li> <li>• Rehabilitation</li> <li>• Allied Health (Physiotherapy)</li> <li>• Mental Health</li> <li>• General Medicine</li> <li>• Acute Medical and surgical specialities</li> </ul>





# Doping



# Anti Doping Compliance

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## Overview

Australia is a signatory to the UNESCO International Convention against Doping in Sport and meets the requirements to implement anti-doping arrangements in accordance with the principles of the World Anti-Doping Code (the Code).

Australia's National Anti-Doping Scheme is protected under the Australian Sports Anti-Doping Authority Act 2006 and the Australian Sports Anti-Doping Regulations 2006.

Sport Integrity Australia (SIA) is the new organisation combining the functions of the Australian Sports Anti-Doping Authority, the National Integrity of Sport Unity and the nationally focused integrity functions of sport Australia. The Australian Sports Anti-Doping Authority (ASADA) is the Code-compliant designated national anti-doping organisation. In addition to the Code, ASADA's work is subject to the ASADA Act and ASADA Regulations, WADA's International Standards and the Privacy Act.

SIA currently has 28 accredited English speaking Doping Control Officers (DCO) located across Australia. Each DCO is able to travel across jurisdictions to meet testing requirements. Current allocation in reference to each match city is as follows: New South Wales – 6; Queensland – 8; Western Australia – 3; Tasmania – 2; South Australia – 3; Victoria – 4; Australian Capital Territory – 2.

SIA currently has 180 accredited English speaking Chaperones located across Australia. Current allocation in reference to each match city is as follows: New South Wales – 40; Queensland – 37; Western Australia – 19; Tasmania – 17; South Australia – 17; Victoria – 30; Australian Capital Territory – 18.

SIA has contractual arrangements with external pathology providers who provide qualified staff to act as Blood Collection Officers and attend testing venues with SIA staff.

## Education

Sport Integrity Australia (SIA) currently provides resources for all levels of athletes, their parents, teachers, coaches and any additional support personnel. The education is delivered throughout various platforms and programs including:

- eLearning courses
- videos
- print items
- digital items
- Apps
- virtual and augmented reality
- targeted face to face sessions by Clean Sport Educators
- outreach events and a schools' program to support the National Health and Physical Education Curriculum.

# Anti Doping Compliance

## WADA Accredited Laboratory

There is a WADA accredited laboratory in Sydney which has the capacity to meet the demands of the CGF. The current head of the Laboratory is Dr Catrin Goebel, the lab is located at:

**Australian Sports Drug Testing Laboratory (ASDTL) – Sydney, National Measurement Institute,  
Level 3, Australian Sports Drug Testing Laboratory  
105 Delhi Road, North Ryde  
New South Wales, 2113, Australia**

There is full capacity to transport and deliver samples to the laboratory via air travel (Melbourne and Avalon Airport direct to Sydney which are scheduled hourly) and / or road transport / express courier with the estimated distance and travel time outlined in the tables below:

### Option 1 – Road / Car Transport

Location	Distance (km)	Time (hrs / min)	Transport
Melbourne	896 km	9 hr 16 min	Road / car transport
Geelong	955 km	9 hr 55 min	Road / car transport
Ballarat	956 km	9 hr 58 min	Road / car transport
Bendigo	853 km	8 hr 54 min	Road / car transport
La Trobe	881 km	9 hr 46 min	Road / car transport

### Option 2 (preferred) – Air & Road / Car Transport

Location	Distance (km)	Time (hrs / min)	Transport
Melbourne	896 km	1 hr 25 min 0 hr 28 min	Air Road / car transport
Geelong	955 km	0 hr 23 min 1 hr 23 min 0 hr 28 min	Road / car transport Air Road / car transport
Ballarat	956 km	1 hr 17 min 1 hr 25 min 0 hr 28 min	Road / car transport Air Road / car transport
Bendigo	853 km	1 hr 35 min 1 hr 25 min 0 hr 28 min	Road / car transport Air Road / car transport
La Trobe	881 km	2 hr 01 min 1 hr 25 min 0 hr 28 min	Road / car transport Air Road / car transport

# Anti Doping Compliance

## Logistical Arrangements

The transport system must ensure that samples and documentation are transported to the laboratory in a way that protects their integrity, identity and security.

Samples may be taken directly to the laboratory or handed over to a third party courier company for transportation. The identification number of the shipment must be recorded prior to transportation. The laboratory will then be required to document receipt in accordance with the international standards. All samples will be transported as soon as possible after collection.

A comprehensive plan will be developed for the event and coordinated through the expert advice of the Chief Medical Officer. A Medical and Doping sub-committee to oversee all arrangements for the event and incorporating all required stakeholders including ASADA, Victoria Ambulance, Victoria Health, and health and medical practitioners.

The logistical arrangements for each geographical city are proposed as follows:

Location	Logistical Arrangements
Melbourne	The sample will be transported via road transport to Melbourne Airport to be air freighted to Sydney. It will then travel by road transport to the laboratory in North Ryde, Sydney. The total minimum travel time is approximately 1 hr 53 min.
Geelong	The sample will be transported via road transport to Avalon Airport to be air freighted to Sydney. It will then then travel by road transport to the laboratory in North Ryde, Sydney. The total minimum travel time is approximately 2 hr 14 min.
Ballarat	The sample will be transported via road transport to Melbourne Airport to be air freighted to Sydney. It will then travel by road transport to the laboratory in North Ryde, Sydney. The total minimum travel time is approximately 3 hr 10 min.
Bendigo	The sample will be transported via road transport to Melbourne Airport to be air freighted to Sydney. It will then travel by road transport to the laboratory in North Ryde, Sydney. The total minimum travel time is approximately 3 hr 28 min.
La Trobe	The sample will be transported via road transport to Melbourne Airport to be air freighted to Sydney. It will then travel by road transport to the laboratory in North Ryde, Sydney. The total minimum travel time is approximately 3 hr 54 min.

[https://www.wada-ama.org/sites/default/files/resources/files/isti\\_sample\\_collection\\_guidelines\\_en\\_final\\_2\\_feb\\_2021\\_0.pdf](https://www.wada-ama.org/sites/default/files/resources/files/isti_sample_collection_guidelines_en_final_2_feb_2021_0.pdf)

# Appendix 1 Melbourne Facility Overview

## Hospitals & Health Services

Health Service	Number of Facilities / Hospitals	Location/s (for tournament applicable services)
Alfred Health	3	Prahran (Melbourne CBD), Caulfield and Sandringham
Austin Health	4	Heidelberg, Kew
Calvary Health	1	Parkdale
Eastern Health	7	Ferntree Gully, Box Hill, Ringwood East, Healesville,
Melbourne Health	2	Parkville (Melbourne CBD)
Mercy Public Hospitals	2	Heidelberg, Werribee
Monash Health	6	Clayton, Berwick, Dandenong, Bentleigh East, Pakenham
Northern Health	4	Epping, Broadmeadows, Bundoora, Craigieburn,
Peninsula Health	4	Frankston, Mornington, Rosebud
St Vincent Health	4	Fitzroy (Melbourne CBD)
The Royal Children's Hospital	1	Parkville (Melbourne CBD)
The Royal Women's Hospital	1	Sandringham
Western Health	5	St Albans, Footscray,



# Rural / Regional Facility Overview

## Hospitals & Health Services Overview

Health Service	Number of Facilities	Location/s (for tournament applicable services)
Albury Wodonga Health	3	Albury, Wodonga
Alexandra District Health	1	Alexandra
Alpine Health	3	Myrtleford, Bright and Mt Beauty
Bairnsdale Regional Health Service	1	Bairnsdale
<b>Barwon Health</b>	<b>3</b>	<b>Geelong</b>
Bass Coast Health	1	Wonthaggi, Cowes (Phillip Island)
Beaufort and Skipton Health Service	1	Beaufort and Skipton
Benalla Health	1	Benalla
<b>Bendigo Health Care Group</b>	<b>1</b>	<b>Bendigo</b>
Boort District Health	1	Boort
Casterton Memorial Hospital	1	Casterton
Castlemaine Health	1	Castlemaine

Health Service	Number of Facilities	Location/s (for tournament applicable services)
Central Gippsland Health Service	3	Heyfield, Maffra, Sale
Central Highlands Rural Health	5	Clunes, Creswick, Daylesford, Kyneton, Trentham
Cohuna District Hospital	1	Cohuna
Colac Area Health	1	Colac
Corryong Health	1	Corryong
East Grampians Health Service	1	Ararat
East Wimmera Health Service	5	St Arnaud, Birchip, Charlton, Donald, Wycheproof
Echuca Regional Health	1	Echuca
Gippsland Southern Health Service	2	Leongatha, Korumburra
Goulburn Valley Health	3	Shepparton, Tatura, Waranga
Grampians Health	4	Ballarat, Edenhope, Horsham, Stawell
Great Ocean Road Health	2	Lorne, Otway

# Rural / Regional Facility Overview

## Hospitals & Health Services Overview

Health Service	Number of Facilities	Location/s (for tournament applicable services)
Heathcote Health	1	Heathcote
Hesse Rural Health Service	1	Winchelsea, Beeac, Rokewood / Teesdale, Bannockburn
Heywood Rural Health	5	Heywood
Inglewood and Districts Health Service	1	Inglewood
Kerang District Health	1	Kerang
Kilmore District Health	1	Kilmore
Kooweerup Regional Health Service	1	Kooweerup
Kyabram and District Health Service	1	Kyabram
Latrobe Regional Hospital	1	Traralgon
Maldon Hospital	1	Maldon
Maryborough District Health Service	1	Maryborough
Mildura Base Public Hospital	1	Mildura
Moyne Health Services	1	Moyne

Health Service	Number of Facilities	Location/s (for tournament applicable services)
NCN Health	3	Cobram, Nathalia, Numurkah
Northeast Health Wangaratta	1	Wangaratta
Omeo District Health	1	Omeo
Orbost Regional Health	1	Orbost
Portland District Health	1	Portland
Robinvale District Health Services	1	Robinvale
Rochester and Elmore District Health Service	1	Rochester, Elmore
Rural Northwest Health	2	Hopetoun, Warracknabel
Seymour Health	1	Seymour
South Gippsland Hospital	1	Foster
South West Healthcare	2	Camperdown, Warrnambool
Swan Hill District Health	1	Swan Hill
Tallangatta Health Service	1	Tallangatta

# Rural / Regional Facility Overview

## Hospitals & Health Services Overview

Health Service	Number of Facilities	Location/s (for tournament applicable services)
Terang and Mortlake Health Service	1	Terang
Timboon and District Healthcare Service	1	Timboon
West Gippsland Healthcare Group	1	Warragul
West Wimmera Health Service	1	Nhill
Western District Health Service	1	Hamilton
Yarram and District Health Service	1	Yarram
Yarrawonga Health	1	Yarrawonga
Yea and District Memorial Hospital	1	Yea



**Name**

Role





# Telecommunications

DRAFT Report

# Fixed Telecommunications

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The field of telecommunications has been developing at an unprecedented rate, which in turn has required the continuous upgrading and development of the telecommunication network and infrastructure, as well as the introduction of new services.

Australia's robust, reliable and secure telecommunications infrastructure and service industry, is primarily privately owned and operated. There are more than 200 registered carriers providing a range of fixed, mobile and broadband services.

Victoria is serviced by the four leading Telecommunications carriers being Telstra, Optus, TPG ( which includes Vodafone, iiNet, AAPT and more) and Macquarie Telecom (including Vocus Group, NextGen, Southern Cross Telco and more).

Telstra and Optus, are both active and competitive in the sport and major events space, also offer services beyond basic tele communications services offering extensive ICT integration and support and have partnerships with vendors to provide hardware, software, logistics and networking services and equipment.

## Telstra

Telstra is Australia's largest telecommunications company (revenue of \$AUD26 billion) competing in all telecommunications markets. It offers a full range of services and enjoys the highest market share for both fixed broadband services (47%) and mobile services (48%).

Telstra offers solutions across networks, mobility, cloud, security, unified communications, Internet of Things (IoT), entertainment and streaming subscriptions. Telstra owns Australia's only dedicated and end-to-end IP Distributed Production Network (DPN), connecting 29 sporting venues across Australia. Telstra also has a dedicated broadcast unit – Telstra Broadcast Services (TBS) – to manage and monitor its global media network and support media and broadcast companies around the world, providing international field services, special events teams and worldwide broadcast operations centres.

## Optus

SingTel Optus (trading as Optus) is Australia's second largest Telecommunications company (revenue of \$AUD8.9 billion). Optus mostly owns and operates its own network infrastructure, providing services both directly to end users and also acts as a wholesaler. It has 15% share of the fixed broadband market and 33% of the mobile handset retail market. It offers a broad range of communications services including mobile, local, national and long-distance telephony, business network services, internet, subscription television and satellite services.

Optus also owns and operates its own fleet of satellites and has the largest fleet of satellites in Australia providing voice and data connectivity, broadcast services and communication access for international business and major event stakeholders.

For the Gold Coast 2018 Commonwealth Games, Optus Business and Cisco partnered to deliver high speed telecommunications infrastructure to more than 37 Commonwealth Games venues enabling connectivity for broadcasting, telephony, internet and cloud services across all Games venues.

# Mobile Telecommunications

## Telstra

Covering a total of 99.4% of the Australian population, Telstra is the largest mobile network in the country. Synonymous with rural customers who may not get reception with any other provider, the organisation is currently rolling out 780 new mobile sites across rural and regional Australia. Telstra's 5G network provides coverage to more than 75% of the Australia population, across more than 3,200 suburbs and over 200 cities and towns progressively replacing the 4G network and almost obsolete 3G network. Telstra aims to have extended 5G coverage to 95% of the country by the end of 2025.

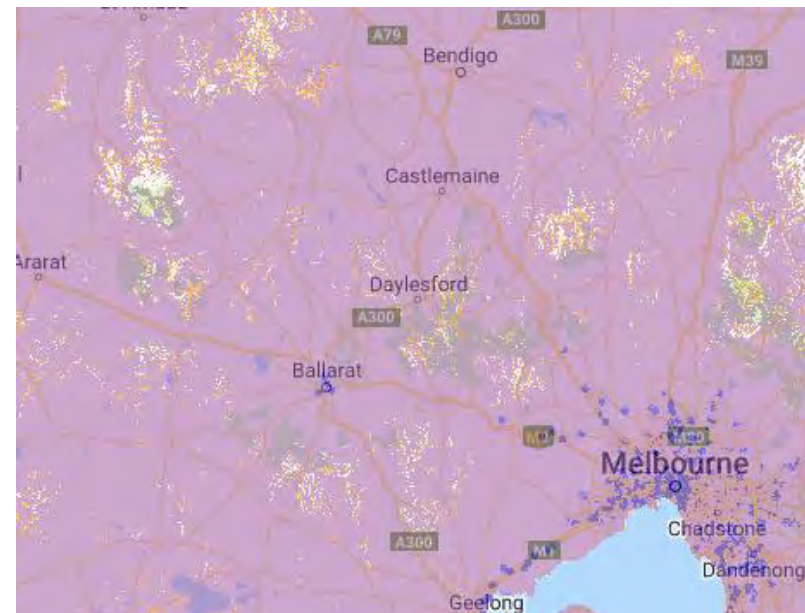
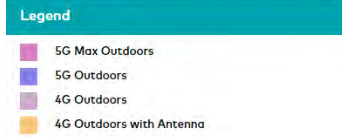
Type of coverage



Source: <https://www.telstra.com.au/coverage-networks/our-coverage>

## Optus

As Australia's second largest mobile carrier, Optus covers 98.5% of the population, and the Optus 5G network now covers over 400,000 households in Australia, and coverage is available in a number of locations including parts of Sydney, Canberra, Melbourne, Brisbane, Adelaide and Perth.



Source: <https://www.optus.com.au/about/network/coverage>

# Regulatory environment

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Australia has a competitive telecommunications market. The regime has a regulatory framework that promotes the long-term interests of end-users of carriage services, efficiency and international competitiveness of Australia's telecommunications industry.

Licensed carriers provide the transmission infrastructure on which carriage and content services are provided to the public. Carriers are required to hold a carrier licence and may use whatever technology they choose to deliver telecommunications services.

The Australian Government plays a key regulatory role in the Information & Communications Technology (ICT) sector, which sits within the Infrastructure, Transport, Regional Development and Communications portfolio and regulated by the statutory body - The Australian Communications and Media Authority (ACMA).

ACMA is responsible for regulating Australian media and communications. It does this through various legislation, regulations, standards and codes of practice, created to oversee the convergence of:

- Broadcasting;
- The Internet;
- Radio communications; and
- Telecommunications.

The ACMA was established by the Australian Communications and Media Authority Act 2005 and commenced operations on 1 July 2005.

ACMA licenses people, organisations and products to operate in Australia and plans and manages radio frequency (RF) spectrum bands, including 5G. Access to RF spectrum bands is available by auction. ACMA is also the single body responsible for the control and frequency allocation of trunked radio services within Australia.

ACMA has developed a Radio Communications Assignment and Licensing Instruction (RALI) that is used to provide advice on frequency assignment policy and coordination procedures for single and two frequency land mobile systems.



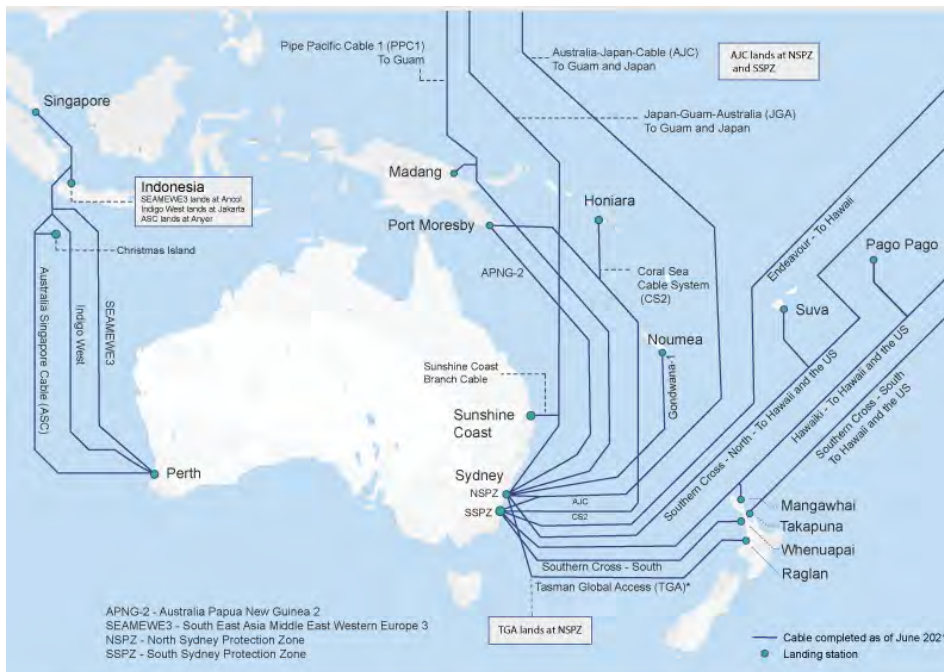
# Connection to the World

## International Submarine Cables

In July 2021, TPG Telecom announced plans to upgrade its PIPE Pacific Cable-1 (PPC-1) submarine cable that runs 7,000 kilometres between Sydney and Guam, and which is a major gateway for Asia and North America. The project will boost data capacity on this key internet backbone link by 50 percent, from 8 terabits per second currently to 12 terabits per second. The upgrade works – regarded as necessary to keep pace with the booming demand for cloud computing and video streaming - are expected to be completed by early 2022.

The Oman Australia Cable (OAC) is a new undersea cable that directly connects Australia (Perth) to Oman (Muscat) and is expected to offer the lowest latency path between Australia and EMEA (Europe, Middle East and Africa), carrying up to 39 terabits per second. It is scheduled to complete construction in early 2022 and to be operational by mid-2022.

Similarly, the Southern Cross NEXT cable connecting Australia to the United States is a new route edition of the existing Southern Cross Cable eco-system. It began construction in 2019 and is expected to be completed in mid-2022. When finished, the new link will be the largest capacity data link between Sydney, Auckland, and Los Angeles at 16,148 km, carrying up to 72 terabits per second.



## Satellite

Australia relies on satellite services for remote areas of the country, for both communications and television services.

Multiple new operators are launching or planning to launch fleets of low earth orbit (LEO) satellites that will offer broadband connectivity to more remote parts of countries around the world, including Australia. One example, SpaceX, has started testing a beta service from its Starlink LEO constellation in the US, and Canada has started the regulatory approvals process in Australia to offer its service locally in the future.

Source: <https://www.acma.gov.au/international-submarine-cables-landing-australia>

# ICT and the Games

ICT services will play a critical role in the successful execution of Games in 2026. Service suppliers will need to provide a range of solutions to support voice and data network connectivity across the Games, including platforms that will support the delivery of critical applications such as the Games Results Systems (GRS) – the system that will capture and distribute live Games data – as well as the Games Management Systems (GMS).

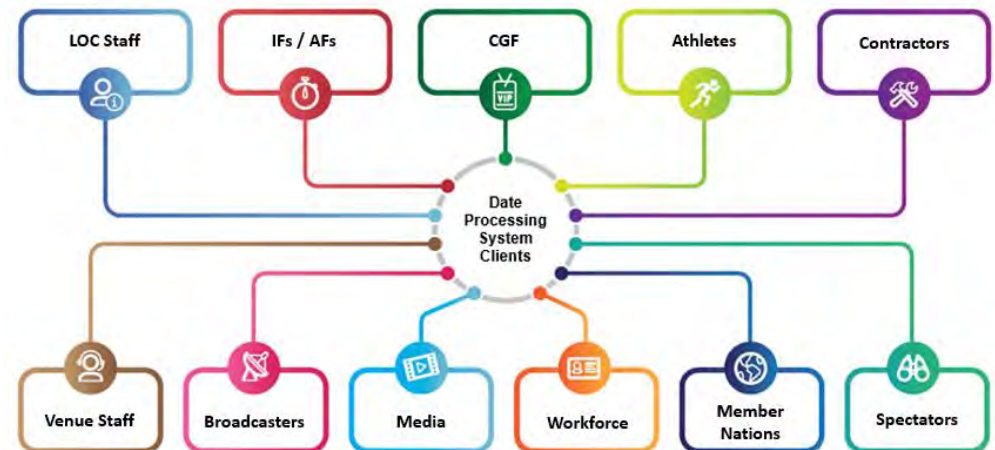
In light of the rapid evolution of technology, and the fact the systems used to provide services at previous Games may no longer be the best solution in 2026, the LOC will work with CGF to assess new potential alternatives and whether they provide improved performance and functionality, whilst maintaining the strict system stability requirements.

This ongoing review shall take into consideration:

1. The systems and services delivered by the CGF and the established partners
2. The latest infrastructure trend and applications platforms
3. The latest networking and internet technologies
4. Market trends for engaging with sports fans
5. The provision of information such as news, results, and statistics to the media
6. Information systems in venues and public viewing areas
7. Mobile services
8. Other trends in comparable major events.

Having hosted many major international sporting and non-sporting events, there is extensive experience in the delivery of ICT solutions to support the many client groups and users across all locations of the Games, including the LOC functional areas (transportation, security, accommodation, doping control etc), CGF, IFs/AFs, media, broadcasters, workforce, spectators and other key clients who need up-to-date, real-time information.

The users described graphically below, will utilise deployed technologies to support them in the preparation, organisation, communication, and execution of the Games.



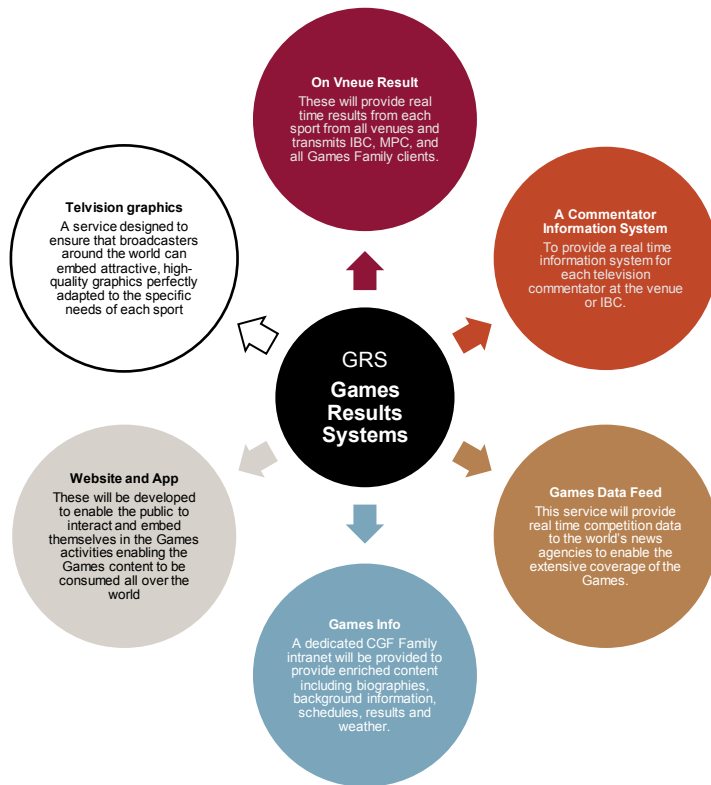
*Client groups and users expected to require services for the Games*

# ICT and the Games (cont.)

## Games Results Systems (GRS)

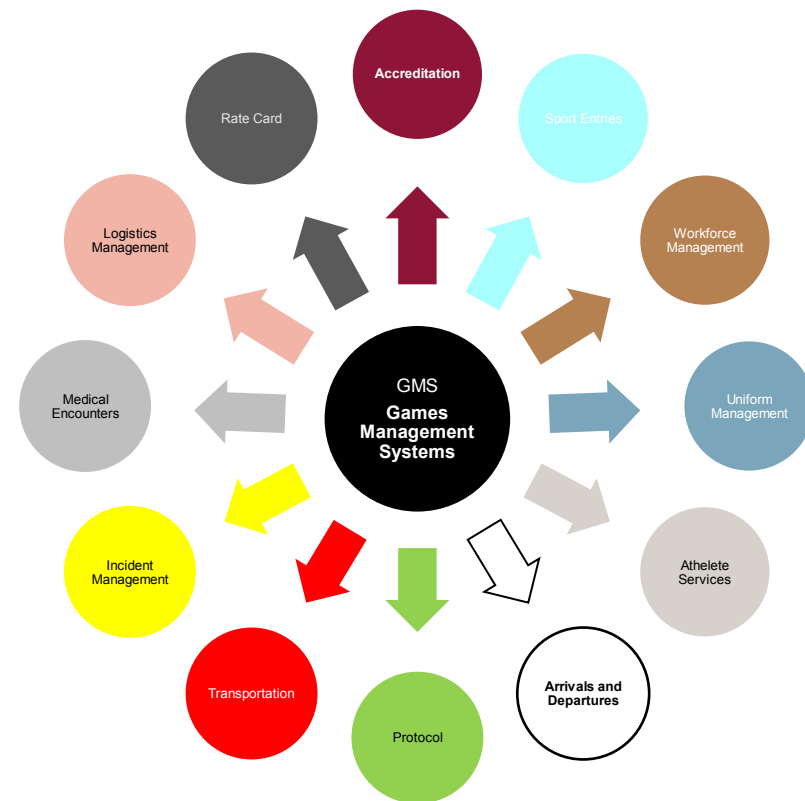
The Games Results Systems (GRS) for the Games will be implemented to emphasise completeness and accuracy of data and enable the rapid reporting of news and results of the Games. Members of the CGF Family, including all media and fans will have access to real-time news and results both domestically and internationally via the internet.

The key GRS expected to be deployed for Games is shown in the following graphic.



## Games Management Systems

The Games Management Systems (GMS) represents the key tool to be used by the LOC and key client groups prior to and during the Games to streamline operations and assist with the overall planning and implementation of the logistical aspects of the Games. At a high level, these key systems and tools are shown in the following graphic



The GRS for accuracy of data

The GMS to streamline operations

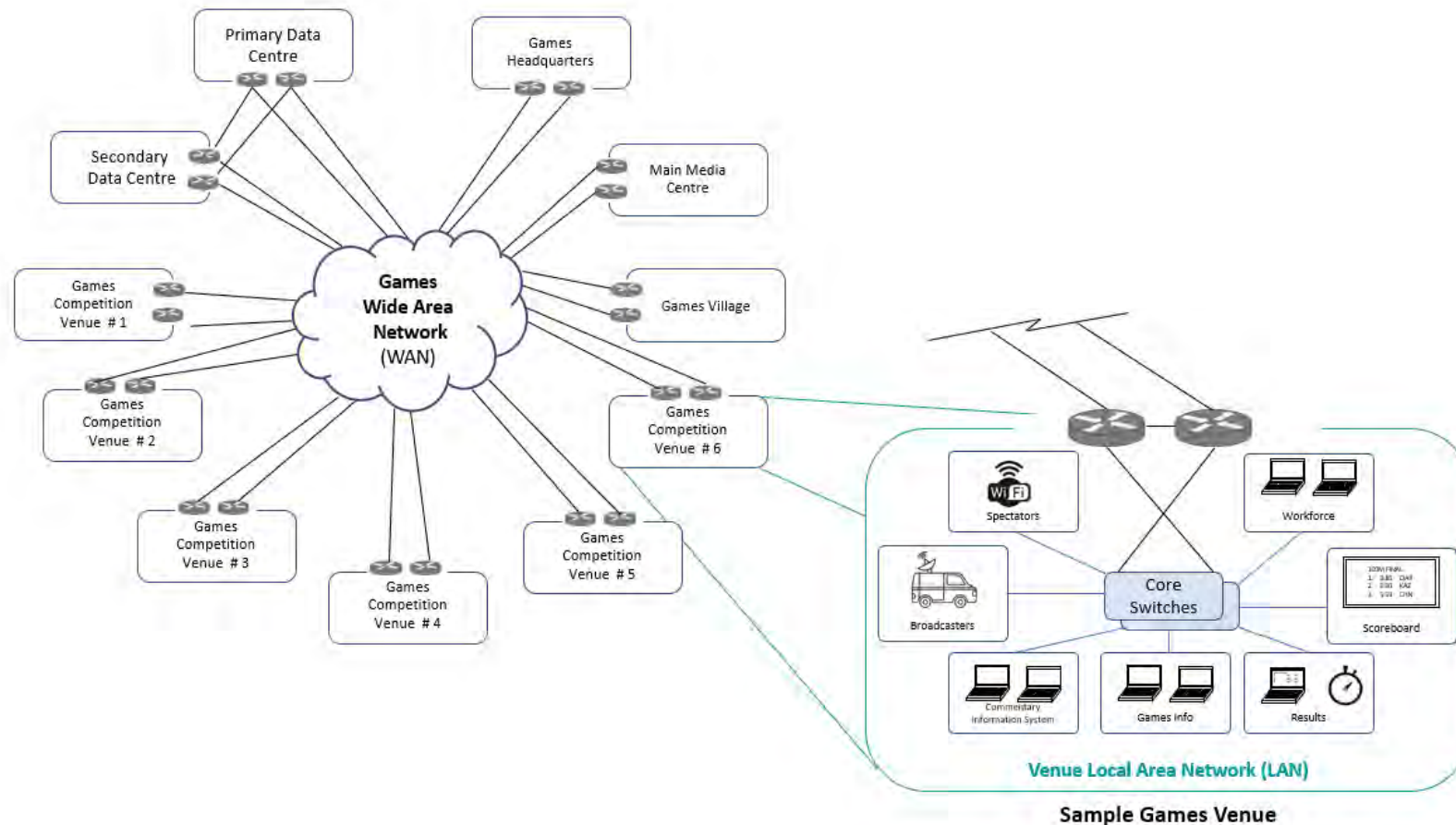
# ICT and the Games (cont.)

## Venue Connectivity

Australia is fortunate to be supported by an extensive and mature Information Communications and Technology (ICT) industry that has a wide range of telecommunications and other technology service providers with proven experience in the provision of ICT services to support major events.

As part of the planning for the Games, the LOC Head of Technology will work with the appropriate ICT service providers and carriers to ensure that the existing network infrastructure is built utilising redundant fibre-optic cables and can carry all types of traffic (voice, video and data) using the very latest technology, and providing the utmost resilience.

A graphic description of the network structure is provided here.









# Energy

DRAFT Report

# Australian energy context (cont.)

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Australia has an abundant and diverse range of energy resources. It has very large coal resources that underpin exports and low-cost domestic electricity production, more than one third of the world's known uranium resources, and substantial conventional gas and coal seam gas resources. Additionally, Australia has a rich diversity of renewable energy resources (wind, solar, geothermal, hydro, wave, tidal, bioenergy) with low greenhouse gas emissions.

Most of Australia's energy relies on traditional sources—non-renewable fossil fuels. Coal and gas account for about 79% of electricity generation, however the electricity market is undergoing a significant transition. Renewable energy and clean energy technologies will play an increasingly important role in a modern and dynamic electricity market. Innovation in clean energy technology is essential for Australia for continued economic prosperity and to contribute to global efforts to reduce emissions.

The Australian Government is supporting clean energy innovation across the spectrum of research and development, demonstration and deployment

## Transmission network

Australia's energy networks comprise the transmission towers, substations, poles, wires and pipes which supply gas and electricity to almost every household and business in the country.

This vital infrastructure is owned and managed by a mix of private and government-owned organisations which are responsible for the security and reliability of Australia's energy supplies.

The networks of Western Australia and the Northern Territory are isolated from the rest of the country, but even so, the electricity grid on the east coast (which forms the National Electricity Market) is one of the largest interconnected electricity networks in the world.

## Ownership Structures

Australia's electricity and gas network businesses are held in public and private ownership.

- 100 per cent privately owned electricity networks: Victoria, South Australia
- 100 per cent government owned electricity networks: Tasmania, Western Australia, Northern Territory and Queensland
- In NSW, one electricity network is privately owned, two are 50.4 per cent privately owned and one is fully government owned. The Australian Capital Territory's electricity network is a joint public and privately owned entity.
- Australia's gas distribution providers are all privately owned, with the exception of the ACT's, which is half government owned.

# Australian energy context (cont.)

## Ownership organisations



Source: <https://www.energynetworks.com.au/resources/fact-sheets/guide-to-australias-energy-networks/>



# Australian energy context (cont.)

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## A focus on Victoria

Electricity generation in Victoria has traditionally been concentrated in the LaTrobe Valley, with large coal-fired power stations and some gas plants supplying the main load centre of Melbourne. Power has also been supplied by the Snowy hydro scheme in the northeast, plus two wind farms on the southern coast.

More recently, the amount of wind generation has risen significantly, with more than twenty wind farms connecting to the grid, mostly dispersed throughout southwest Victoria. Also, six new solar farms have joined the network along the border with New South Wales. Two utility-scale storage batteries were also added to firm up intermittent generation.

There are five electricity distributors in Victoria. Each is responsible for a separate geographic region of Victoria.

- Citipower – Services Melbourne City
- Jemena – Services suburbs to the North of the City of Melbourne
- Powercor Australia – Services regional Victoria to the West of the State
- AusNet Services – Services regional Victoria to the East of the State
- United Energy Distribution - Services suburbs to the South of the City of Melbourne

## Powercor Australia

For all venues located outside the City of Melbourne area and with a Games primarily being delivered in Western Regional Victoria, Powercor Australia will be the principal provider of energy services.

Powercor supplies electricity across 64% of Victoria spanning from the western suburbs of Melbourne through central and western Victoria to the South Australian and New South Wales borders. Households represent about 86% of their 844,000 customer connections which also include 11,175 commercial and industrial businesses and over 100,000 small businesses mainly in the health care, agriculture, forestry and fishing sectors.

Powercor Australia distribute 10,660 Giga Watt Hours (GWH) in 2020 with a 99.97% supply reliability with the network current utilisation rate of 71%, managed by an electricity control room that operates 24/7, 365 days a year. The control centres manage the flow of electricity to and from each connection point place while monitoring the performance and security of the network. The high-tech control centre receives outage signals from across our network and guides crews on the ground to act or restore power as quickly and safely as possible.

# Regulation and Governance

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## Regulation and Governance

Energy networks are natural monopolies subject to strict economic regulation. In most cases, they are governed by the National Electricity Rules which are made by the Australian Energy Market Commission (AEMC) under the National Electricity Laws.

The revenue most energy networks are allowed to earn (and therefore the prices they charge) is governed by the Australian Energy Regulator and is set every five years. This is known as incentive-based regulation, because if businesses are able to make efficiencies and reduce costs below their allowed revenue, they can keep the savings for a period of time.

Consumers benefit from this, because the regulator then uses the new information gained in one period to set tougher benchmarks and lower allowed revenues for the next. Thus, the savings made by the businesses put downward pressure on consumer prices.

The AEMC is one of three market bodies responsible for energy in Australia, all of which report to the Energy National Cabinet Reform Committee (ENCRC) through the Energy Ministers' Meeting. Additionally, the three market bodies also work together to advise the Energy Security Board (ESB).

The AEMC Commissioners are appointed by Australia's state, territory and federal governments to make the rules under the national energy laws, and to advise governments on overall energy market development.

The Commissioners are supported by the Chief Executive and the Executive Leadership Team and staff, and together they discharge rule making and market development roles in line with the AEMC's Code of Conduct which requires AEMC staff to act with fairness, honesty, impartiality and integrity in all dealings.

# Energy and the Games

## Overview of power requirements

The provision of resilient power is critical to the overall success of the Games. Any interruption to the power supply could have significant implications to the running of an event or the ability to send broadcast pictures around the globe and as such the provision of Event Continuation power is critical.

The LOC Head of Energy will take a holistic approach to the provision of power to all Games venues to ensure that all power loads can be assessed in the context of the main supply of the venue and the need to back up and or supplement existing power supplies.

There are three types of power requirements which will be considered for each of the Games venues.

1. **General power/ venue domestic power:** This is the everyday house power or mains power that is used to power elements such as the general lights, catering equipment and televisions.
2. **Broadcast Technical Power:** This describes the power typically associated with broadcasters that is delivered utilising either dedicated twin-pack generators as a primary means or through the provision of Uninterrupted Power Supply (UPS) equipment connected to the main supply. The provision of technical power needs to be carefully considered due to the critical services it supports.
3. **Event Continuation Power:** Certain critical services will need to be supported by temporary twin-pack generators and in some cases UPS devices (particularly technology equipment) to provide continual power supply in the event of a loss of mains power.

The power allocations table below indicates the types of services requiring the various types of power that will be further investigated as part of the planning for the Games.

Item Description	General/ Venue Domestic Power	Broadcast Technical Power	Resilient Power
Media Tribunes	X		
Venue media centre	X		
Commentary Positions	X	X	
Commentary Studios	X	X	
Outside Broadcast – technical		X	
Outside Broadcast – general	X		X
Technology equipment rooms			X
Technology network equipment			X
Floodlighting			X
Video Replay Screens			X
LED advertising signage	X		
Catering outlets	X		
Ceremonies power	X		X
Commercial display areas	X		







# ATHLETICS VICTORIA 2026 COMMONWEALTH GAMES BID

BLOCK PLANNING

28.02.2022

POPULOUS®

01/

ATHLETICS

**Eureka Stadium**





VICTORIA 2026  
COMMONWEALTH GAMES BID

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**LEGEND**

- FIELD OF PLAY
- SPECTATORS
- PRESS OPERATIONS
- SPORT & COMPETITION MANAGEMENT
- CIRCULATION
- GAMES FAMILY
- RSA - VEHICLE SCREENING AREA
- OPERATIONS
- ALL OTHER AREAS
- RSA - PEDESTRIAN SCREENING AREA
- BROADCAST COMPOUND
- FUTURE LEGACY OF BUILT FORM



A	28/02/2022	FOR CLIENT REVIEW - DRAFT
ISSUE	DATE	DESCRIPTION

KEY PLAN	

		
VENUE CODE		

VENUE  
**EUREKA STADIUM,  
BALLARAT**

DRAWING TITLE  
**GA – ATHLETICS –  
LOCATION PLAN**

SCALE 1 : 5000 @ A3



VCG – 110 GA – ATHLETICS – LOCATION PLAN  
– MS





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COMMONWEALTH GAMES BID

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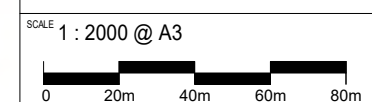
KEY PLAN



	VENUE CODE
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VENUE **EUREKA STADIUM, BALLARAT**

DRAWING TITLE **GA - ATHLETICS - TRACK PLAN - OPTION 1**



VCG - 111 GA - ATHLETICS - TRACK PLAN - OPTION 1 - MS





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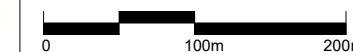


VENUE CODE	

**VENUE**  
**EUREKA STADIUM,  
BALLARAT**

**DRAWING TITLE**  
**GA - ATHLETICS -  
TRACK PLAN - OPTION 2**

SCALE 1 : 2000 @ A3



VCG - 112 GA - ATHLETICS - TRACK PLAN - OPTION 2  
- MS





VICTORIA 2026  
COMMONWEALTH GAMES BID

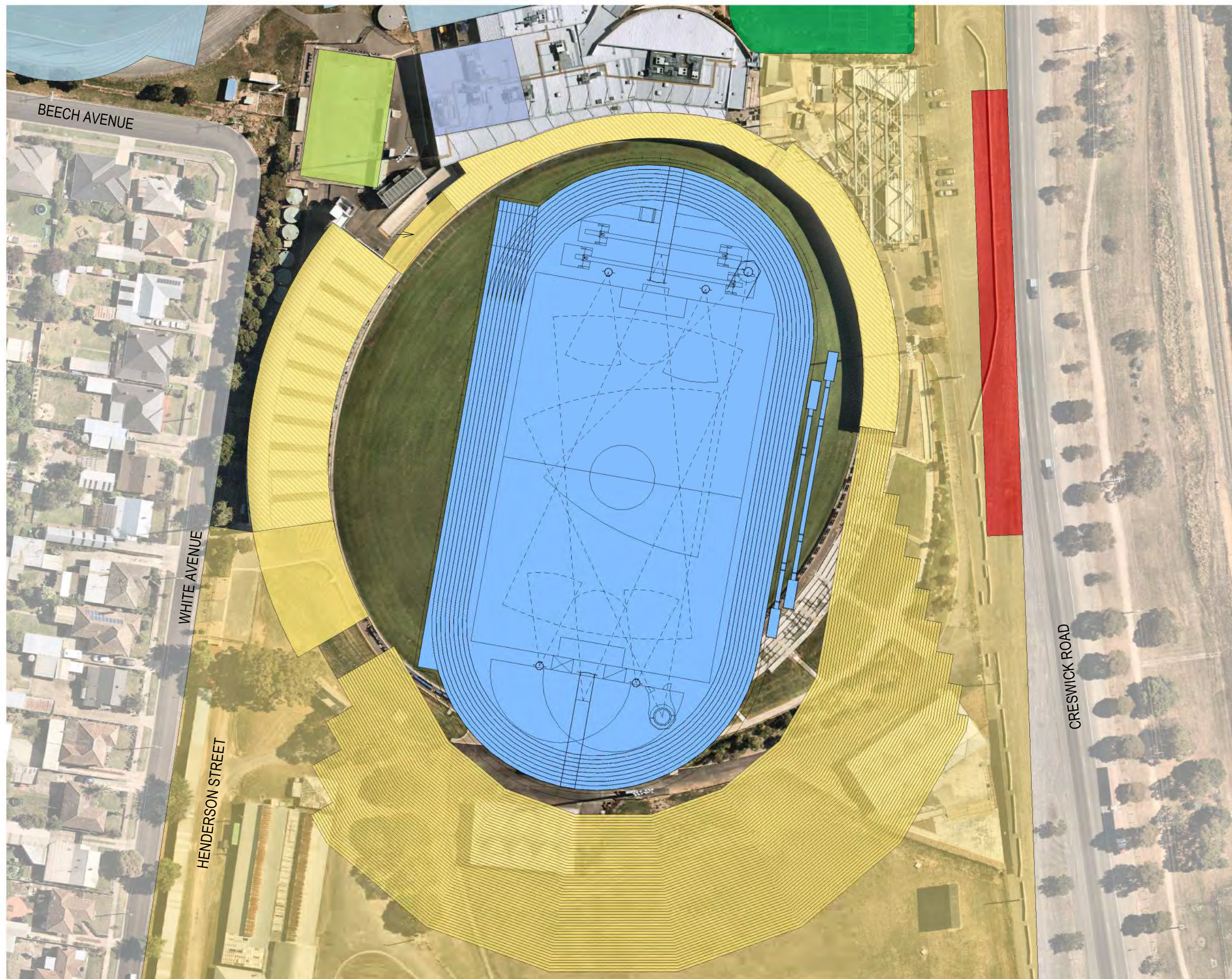
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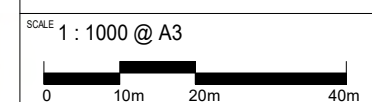
KEY PLAN



VENUE CODE

VENUE **EUREKA STADIUM, BALLARAT**

DRAWING TITLE  
**GA - ATHLETICS - ZONE PLAN - OPTION 1**



VCG - 113 GA - ATHLETICS - ZONE PLAN - OPTION 1 - MS





VICTORIA 2026  
COMMONWEALTH GAMES BID

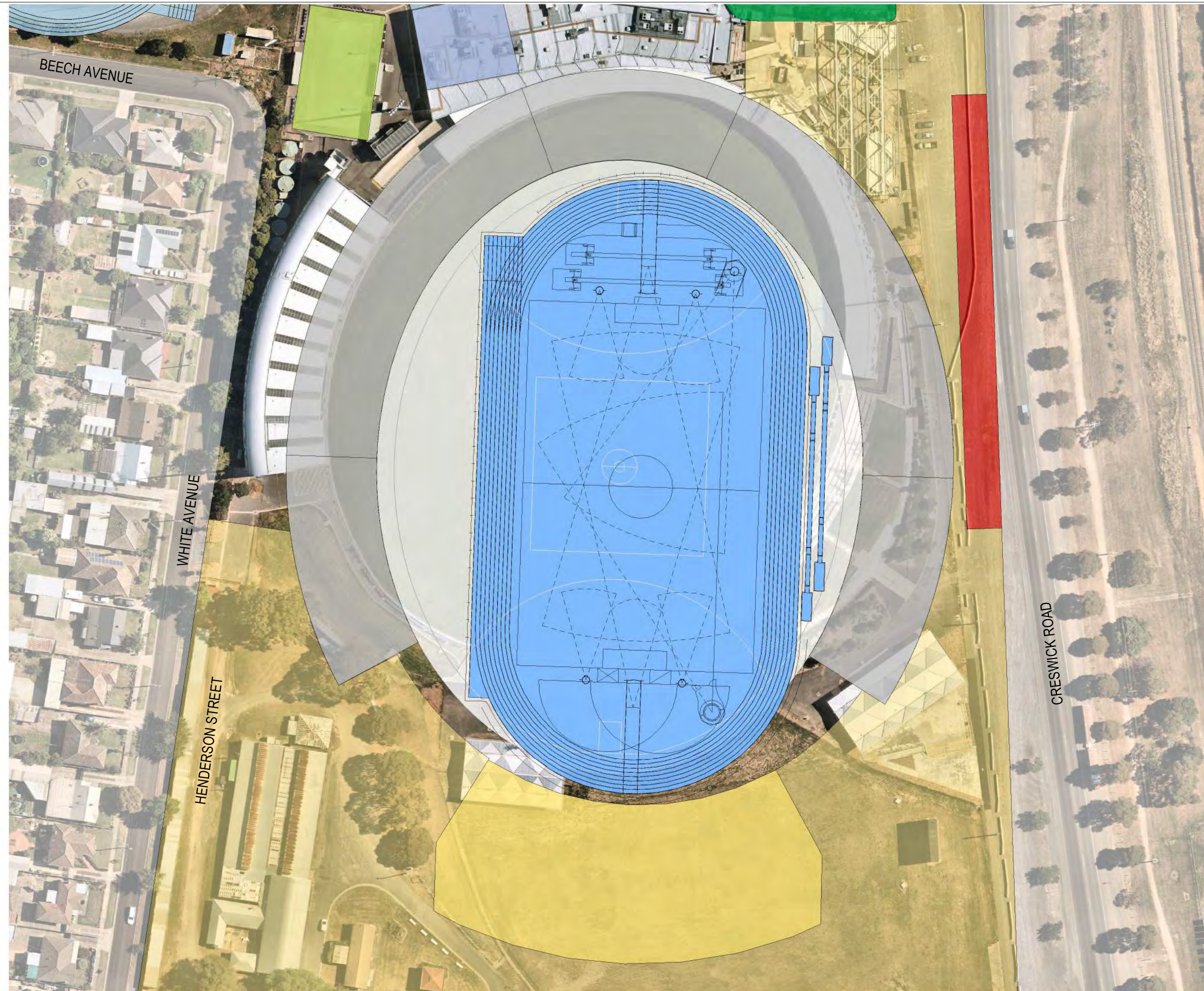
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**EUREKA STADIUM,  
BALLARAT**

DRAWING TITLE  
**GA – ATHLETICS – ZONE  
PLAN - OPTION 2**

SCALE 1 : 1000 @ A3



VCG – 114 GA – ATHLETICS – ZONE PLAN - OPTION 2  
– MS



## EUREKA STADIUM

### *Assumptions*

- Spectators will arrive primarily via shuttle bus from a park and ride site to be determined.
- The adjoining showground site is available for overlay purposes.
- There is the possibility to demolish existing northern grandstands and club.
- The desired venue capacity is in the high 20,000s.
- Adjacent fields to the north of the site are available for warm up areas including a separate area for throwing disciplines.
- The club behind the northern grandstand is available for overlay purposes.

### *Design points*

- A south stand of similar scale to Gold Coast 2018 athletics venue, 57 rows is likely required to meet the capacity target.
- The existing floodlighting will need to be brought up to international games standard with larger light poles.
- A temporary athletics track will cut into the southern berm with civil works required to install and make good.
- The athletics track orientation designed to minimise rectification works but also utilise the existing grandstands particularly around the finish line.
- There is an option to redevelop the northern and western grandstands to provide more modest scale temporary seating.

**POPULOUS®**





# HOCKEY VICTORIA 2026 COMMONWEALTH GAMES BID

BLOCK PLANNING

28.02.2022

POPULOUS

04/

HOCKEY  
**Stead Park**





VICTORIA 2026  
COMMONWEALTH GAMES BID

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**LEGEND**

- FIELD OF PLAY
- SPECTATORS
- PRESS OPERATIONS
- SPORT & COMPETITION MANAGEMENT
- CIRCULATION
- GAMES FAMILY
- USA VEHICLE SCREENING AREA
- OPERATIONS
- ALL OTHER AREAS
- PSA - PEDESTRIAN SCREENING AREA
- BROADCAST COMPOUND
- FUTURE LEGACY OF BUILT FORM



A	28/02/2022	FOR CLIENT REVIEW - DRAFT
ISSUE	DATE	DESCRIPTION

KEY PLAN	

VENUE CODE		

VENUE **STEAD PARK, GEELONG**

DRAWING TITLE  
**GA - HOCKEY -  
LOCATION PLAN**

SCALE 1 : 5000 @ A3



VCG - 140 GA - HOCKEY - LOCATION PLAN  
- MS





VICTORIA 2026  
COMMONWEALTH GAMES BID

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**LEGEND**

- FIELD OF PLAY
- SPECTATORS
- PRESS OPERATIONS
- SPORT & COMPETITION MANAGEMENT
- CIRCULATION
- GAMES FAMILY
- VSA - VEHICLE SCREENING AREA
- OPERATIONS
- ALL OTHER AREAS
- VSA - PEDESTRIAN SCREENING AREA
- BROADCAST COMPOUND
- FUTURE LEGACY OF BUILT FORM



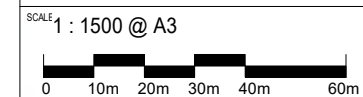
A	28/02/2022	FOR CLIENT REVIEW - DRAFT
ISSUE	DATE	DESCRIPTION

KEY PLAN	

VENUE CODE	

VENUE **STEAD PARK, GEELONG**

DRAWING TITLE  
**GA – HOCKEY – ZONE  
PLAN OPION 1**



VCG - 141 GA – HOCKEY – ZONE PLAN OPION 1  
- MS





VICTORIA 2026  
COMMONWEALTH GAMES BID

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**LEGEND**

- FIELD OF PLAY
- SPECTATORS
- PRESS OPERATIONS
- SPORT & COMPETITION MANAGEMENT
- CIRCULATION
- GAMES FAMILY
- USA VEHICLE SCREENING AREA
- OPERATIONS
- ALL OTHER AREAS
- PSA - PEDESTRIAN SCREENING AREA
- BROADCAST COMPOUND
- FUTURE LEGACY OF BUILT FORM



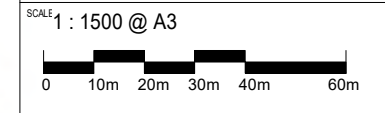
A	28/02/2022	FOR CLIENT REVIEW - DRAFT
ISSUE	DATE	DESCRIPTION

KEY PLAN	

VENUE CODE		

VENUE  
**STEAD PARK, GEELONG**

DRAWING TITLE  
**GA – HOCKEY – ZONE  
PLAN OPION 2**



VCG – 142 GA – HOCKEY – ZONE PLAN OPION 2  
– MS



## **Stead Park Hockey Centre**

### ***Assumptions***

- The existing hockey turfs will need to be replaced for the games and can be moved to suit overlay event mode.
- Spectators will arrive primarily via shuttle bus from a park and ride site to be determined. No spectator parking is permitted within a walking radius of the venue.
- Temporary access to the venue may be facilitated by access to adjoining properties if required. (agreement with landowners sought later)
- The existing clubhouse can be removed.
- 3 pitches are required for the games with 2 adjacent for competition and a third for training either on the same site or a different site.

### ***Design points***

- A 2 pitch and 3 pitch options are considered.
- A new change room, amenities, club building will be considered a part of a redevelopment and used for overlay during the games period.
- The adjoining soccer club carpark will be used for some overlay areas.
- Currently the design aims to achieve a minimum of 4,000 seats provided by temporary overlay, however, the site has the space to provide a higher capacity. There is no desire for permanent seating.
- Under the 2 pitch option there will need to be some landscaping works to the eastern third of the site to bring it up to a visual standard suitable for the games.

**POPULOUS®**



# LAWN BOWLS VICTORIA 2026 COMMONWEALTH GAMES BID

BLOCK PLANNING

28.02.2022

POPULOUS<sup>®</sup>

03/

LAWN BOWLS  
**Bendigo Bowls  
Club**





VICTORIA 2026  
COMMONWEALTH GAMES BID

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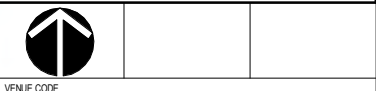
**CONFIDENTIAL**

**LEGEND**

FIELD OF PLAY	SPECTATORS	PRESS OPERATIONS
SPORT & COMPETITION MANAGEMENT	CIRCULATION	GAMES FAMILY
USA VEHICLE SCREENING AREA	OPERATIONS	ALL OTHER AREAS
PSA - PEDESTRIAN SCREENING AREA	BROADCAST COMPOUND	FUTURE LEGACY OF BUILT FORM

ISSUE	DATE	DESCRIPTION
A	28/02/2022	FOR CLIENT REVIEW - DRAFT

KEY PLAN



VENUE CODE

VENUE  
**BENDIGO BOWLS CLUB,  
BENDIGO**

DRAWING TITLE  
**GA – LAWN BOWLS –  
LOCATION PLAN**

SCALE 1 : 5000 @ A3



VCG – 130 GA – LAWN BOWLS – LOCATION PLAN  
– MS





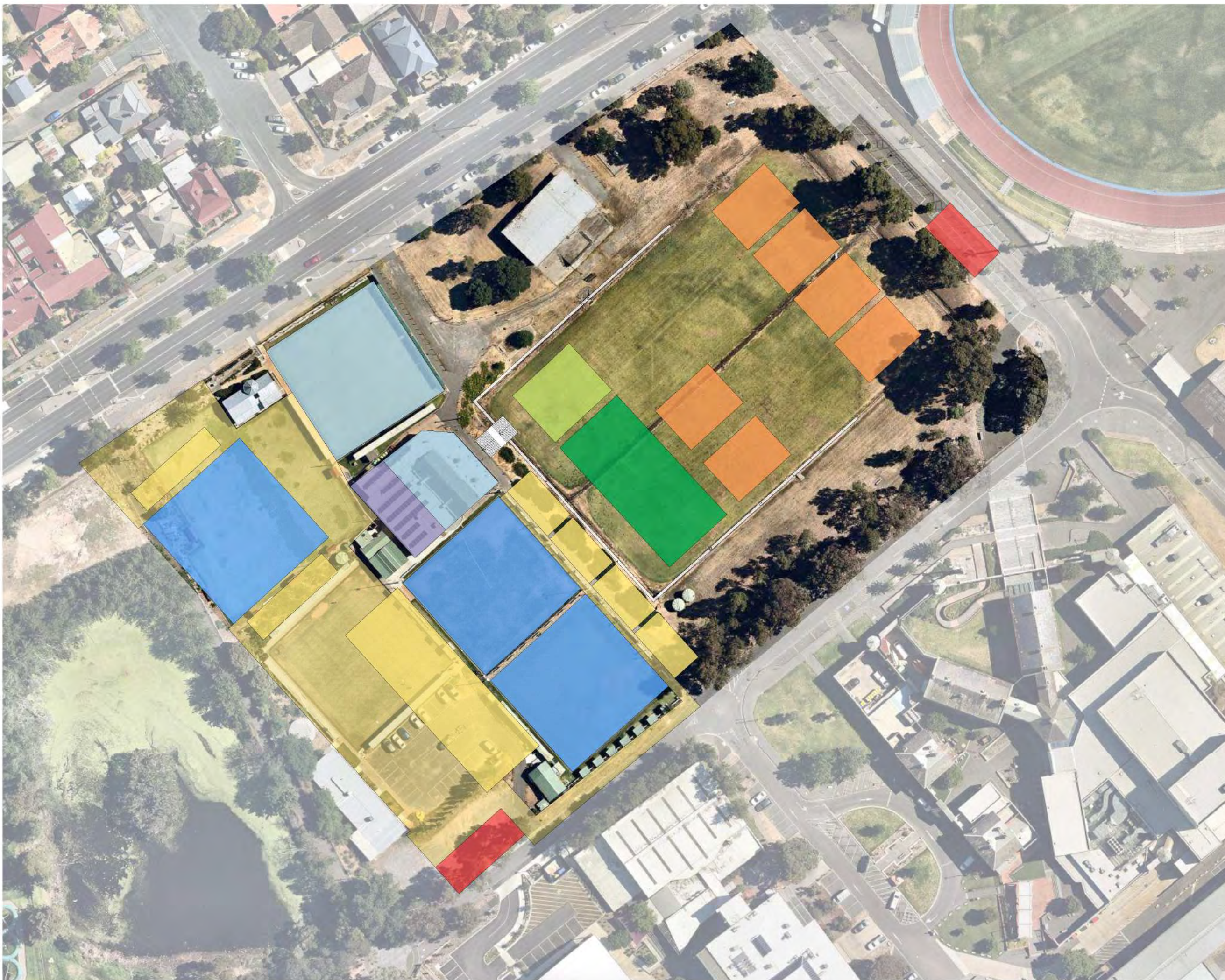
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COMMONWEALTH GAMES BID

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**LEGEND**

- FIELD OF PLAY
- SPECTATORS
- PRESS OPERATIONS
- SPORT & COMPETITION MANAGEMENT
- CIRCULATION
- GAMES FAMILY
- RSA - VEHICLE SCREENING AREA
- OPERATIONS
- ALL OTHER AREAS
- RSA - PEDESTRIAN SCREENING AREA
- BROADCAST COMPOUND
- FUTURE LEGACY OF BUILT FORM



A	28/02/2022	FOR CLIENT REVIEW - DRAFT
ISSUE	DATE	DESCRIPTION

KEY PLAN	

VENUE CODE		

VENUE  
**BENDIGO BOWLS CLUB,  
BENDIGO**

DRAWING TITLE  
**GA – LAWN BOWLS –  
ZONE PLAN**

SCALE 1 : 1000 @ A3



VCG – 131 GA – LAWN BOWLS – ZONE PLAN  
– MS



## **Bendigo Bowls Club**

### ***Assumptions***

- Spectators will arrive primarily via shuttle bus from a park and ride site to be determined. For the purpose of planning the venue we assume arrival from the south of the site. It is likely the shuttle service will also pick up the tennis venue.
- We can take control of part of Park Road for the purpose of vehicle screening into the venue.
- The former grass tennis courts to the north-east of the bowls club is available for overlay purposes.
- 4 greens only are required for competition.
- The bowls clubhouse is suitable to accommodate athlete and games family accommodation.
- The croquet club lawn will be used a part of the venue design and as such displacement to the croquet club facilities will occur.

### ***Design points***

- Proposed move of western most green to the croquet club lawn to facilitate overlay of the site.
- Spectator entry off Gaol Road onto the existing hardstand carpark.
- A retaining structure to be installed to the north-east of the clubhouse and greens to provide area for grandstands and circulation in this area.
- There is a level change from the bowling greens to the overlay area on the tennis courts. A stair and a temporary lift likely to be required for personnel to access. Buggy access via sloping terrain adjacent to the tennis courts or via a lane along Gaol Road.
- Barnard Street will be kept open to public traffic.

**POPULOUS®**



# AQUATICS & GYMNASTICS **VICTORIA 2026 COMMONWEALTH GAMES BID**

BLOCK PLANNING

28.02.2022

**POPULOUS**



02/

AQUATICS &  
GYMNASTICS

**Kardinia Park**





VICTORIA 2026  
COMMONWEALTH GAMES BID

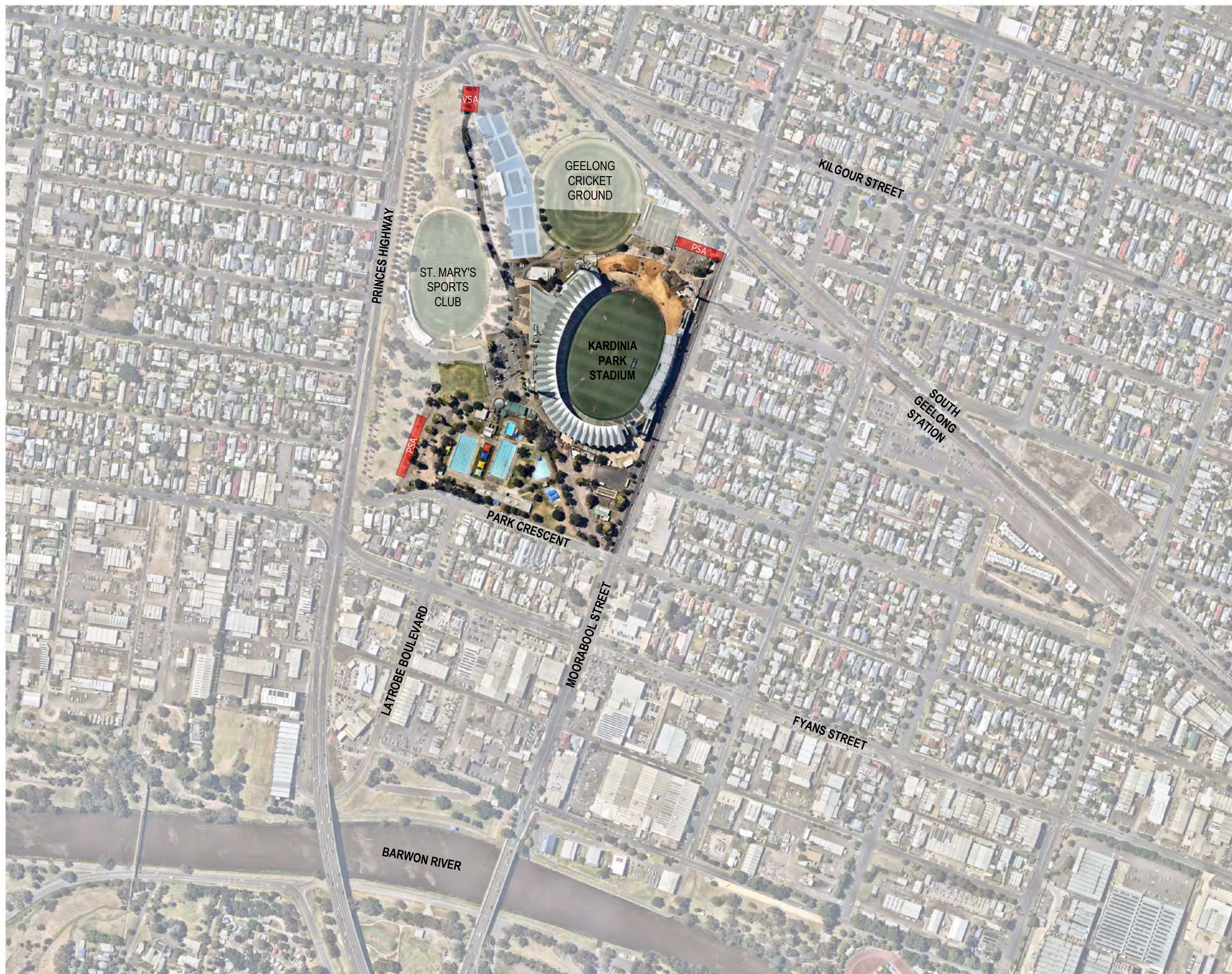
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**LEGEND**

- FIELD OF PLAY
- SPECTATORS
- PRESS OPERATIONS
- SPORT & COMPETITION MANAGEMENT
- CIRCULATION
- GAMES FAMILY
- VISA - VEHICLE SCREENING AREA
- OPERATIONS
- ALL OTHER AREAS
- PSA - PEDESTRIAN SCREENING AREA
- BROADCAST COMPOUND
- FUTURE LEGACY OF BUILT FORM



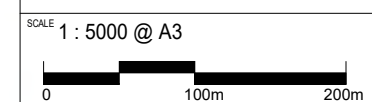
A	28/02/2022	FOR CLIENT REVIEW - DRAFT
ISSUE	DATE	DESCRIPTION

KEY PLAN	

VENUE CODE		

VENUE  
**KARDINIA PARK,  
GEELONG**

DRAWING TITLE  
**GA – AQUATIC AND  
GYMNASTICS –  
LOCATION PLAN**



VCG – 120 – MS	GA – AQUATIC AND GYMNASTICS – LOCATION PLAN
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VICTORIA 2026  
COMMONWEALTH GAMES BID

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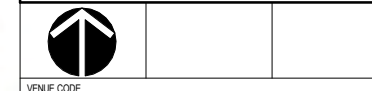
**LEGEND**

- FIELD OF PLAY
- SPECTATORS
- PRESS OPERATIONS
- SPORT & COMPETITION MANAGEMENT
- CIRCULATION
- GAMES FAMILY
- VSA - VEHICLE SCREENING AREA
- OPERATIONS
- ALL OTHER AREAS
- PSA - PEDESTRIAN SCREENING AREA
- BROADCAST COMPOUND
- FUTURE LEGACY OF BUILT FORM



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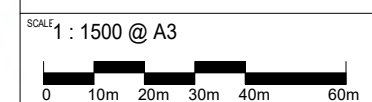
KEY PLAN	



VENUE CODE

VENUE **KARDINIA PARK, GEELONG**

DRAWING TITLE **GA – AQUATIC AND GYMNASTICS – ZONE PLAN**



VCG – 126	GA – AQUATIC AND GYMNASTICS – ZONE PLAN
– MS	



## **Kardinia Park Aquatics/Gymnastics**

### ***Assumptions***

- The existing aquatic centre can be demolished as seen fit to facilitate the Commonwealth Games as the pools on site do not meet the requirements of international swimming competition.
- Spectators will arrive via shuttle bus from a park and ride site to be determined or from nearby train stations. Spectators to the aquatic and gymnastics venue will arrive via Latrobe Terrace.
- The proposed new facilities of aquatics and gymnastics should be contained to the south-east corner of the site.
- The new facilities along with Kardinia Park stadium will be managed as one venue sharing overlay where appropriate.
- The number of cricket events will be limited by pitch usage over the games program.

### ***Design points***

- Legacy is being considered in the overlay design but some issues such as future parking and other sitewide infrastructure has not been briefed nor attempted to be solved at this stage.
- The layout strategy of the preferred option is to install temporary infrastructure on the parkland areas beyond the existing facilities which impacts open space at games time only, providing ongoing amenity to the nearby residents.
- The proposed Gymnastics facility will become a community sports venue post games with the gymnastics warm up area becoming an indoor training facility for the Geelong Cats Football Club.
- New change rooms, plant rooms, offices, entry foyer, etc will be constructed as part of the redevelopment.
- The new aquatic centre and community sports hall will have one management structure post games and therefore will have a common main entry.
- Consideration will be given to future leisure water in the aquatic centre.
- Spectator capacity is to be maximised over and above the CGF minimum requirements. Currently the design aims to achieve a minimum of 8,000 seats provided by temporary overlay. There is no desire for permanent seating.
- The aquatic centre is planned to be open air without any roof or other weather protection.
- The location of the main competition pool could be moved further to the east creating grandstands of unequal sides but impacting less on the parkland in legacy mode.

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# TENNIS VICTORIA 2026 COMMONWEALTH GAMES BID

BLOCK PLANNING

28.02.2022

POPULOUS<sup>®</sup>

05/

TENNIS

**Bendigo Regional  
Tennis Centre**





VICTORIA 2026  
COMMONWEALTH GAMES BID

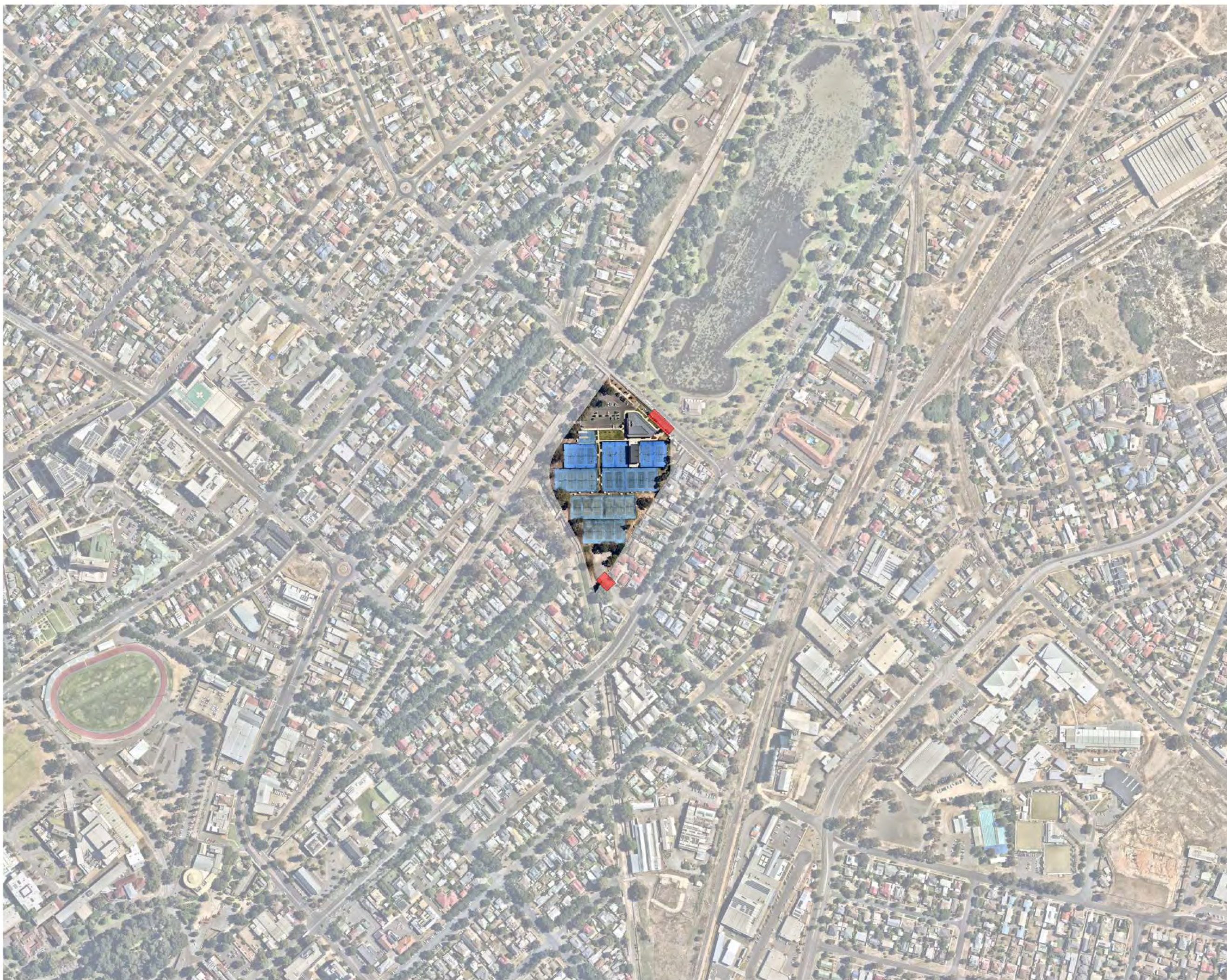
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**LEGEND**

- FIELD OF PLAY
- SPECTATORS
- PRESS OPERATIONS
- SPORT & COMPETITION MANAGEMENT
- CIRCULATION
- GAMES FAMILY
- RSA - VEHICLE SCREENING AREA
- OPERATIONS
- ALL OTHER AREAS
- RSA - PEDESTRIAN SCREENING AREA
- BROADCAST COMPOUND
- FUTURE LEGACY OF BUILT FORM



A	28/02/2022	FOR CLIENT REVIEW - DRAFT
ISSUE	DATE	DESCRIPTION

KEY PLAN		

VENUE CODE		

VENUE **BENDIGO REGIONAL TENNIS CENTRE, BENDIGO**

DRAWING TITLE **GA – TENNIS – LOCATION PLAN**

SCALE 1 : 5000 @ A3

VCG – 150 GA – TENNIS – LOCATION PLAN – MS





VICTORIA 2026  
COMMONWEALTH GAMES BID

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**LEGEND**

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- PRESS OPERATIONS
- SPORT & COMPETITION MANAGEMENT
- CIRCULATION
- GAMES FAMILY
- VSA - VEHICLE SCREENING AREA
- OPERATIONS
- ALL OTHER AREAS
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- BROADCAST COMPOUND
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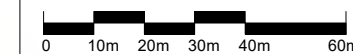


VENUE CODE

VENUE  
**BENDIGO REGIONAL  
TENNIS CENTRE, BENDIGO**

DRAWING TITLE  
**GA – TENNIS – ZONE  
PLAN**

SCALE: 1 : 1500 @ A3



VCG – 151 GA – TENNIS – ZONE PLAN  
– MS



## **Bendigo Regional Tennis Centre**

### ***Assumptions***

- Spectators will arrive primarily via shuttle bus from a park and ride site to be determined. It is likely the shuttle service will also pick up the lawn bowls venue.
- A portion of Nolan Street will be closed to public traffic to allow the venue to operate in games mode and maintain access to private properties and businesses.
- The existing clubhouse will accommodate games family.
- Back of house access via the southern entry to the site.
- The site is constrained to the north and west by the existing drainage channel.

### ***Design points***

- The main show court is to be maximised over and above the CGF minimum requirements. Currently the design aims to achieve over 5,000 seats.
- The design aims to place courts utilised for the games over the existing courts.
- The courts to the north of the site appear to be newer and in better condition than those in the southern portion of the site. Therefore, the use of existing northern courts is preferred.
- It is likely that games security will install a fence adjacent to neighbouring residents.

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