



DESIGN - CONSULT - CONSTRUCT

infiniti  
commercial pools



[www.infiniticommercialpools.com.au](http://www.infiniticommercialpools.com.au)

Infiniti Commercial Pools - Shotcrete Pool Construction  
AS 3735-2001 Concrete structures containing liquids  
AS 2783-1992 Use of reinforced concrete for small swimming pools

# COMPANY PROFILE



Infiniti Commercial Pools are Western Australia's leading shotcrete swimming pool construction company. We design, construct and deliver exquisite custom built swimming pools at all specification levels from residential through to commercial.

## We specialise in the following services:

- Resort Pool And Spa's
- Swim Schools
- Apartment Complex Pool And Spa's
- School Pools
- Mine Site Pools
- Splash Pad And Water Play
- Hydraulic And Filtration Installations
- Pool Renovations



With a combined 30 years of shotcrete construction experience, the directors of Infiniti Commercial Pools personally oversee every project. We ensure that all of our pools are constructed in strict accordance with the Building Code of Australia and to Australian Standards 2783-1992 and 3735-2001.

Our team of highly skilled industry professionals ensure that project outcomes are always delivered on time and on budget.





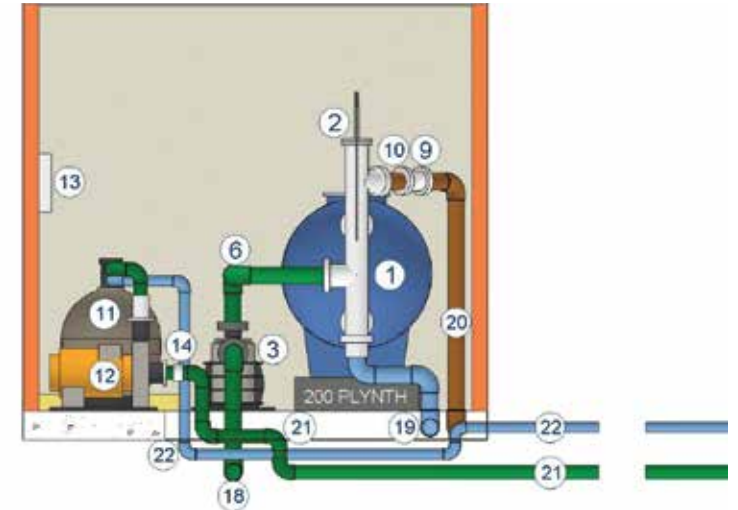
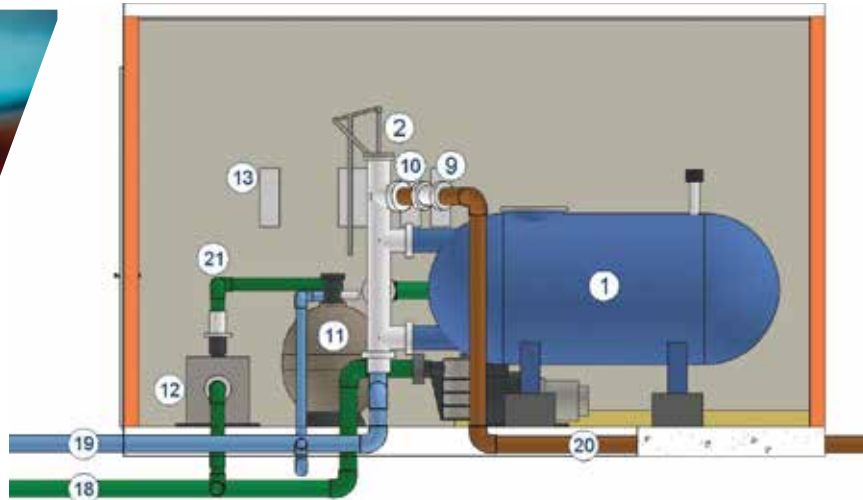
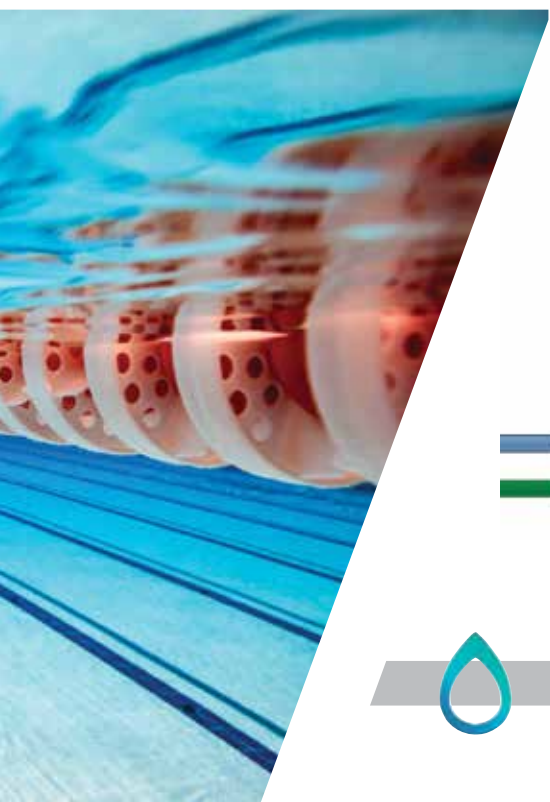


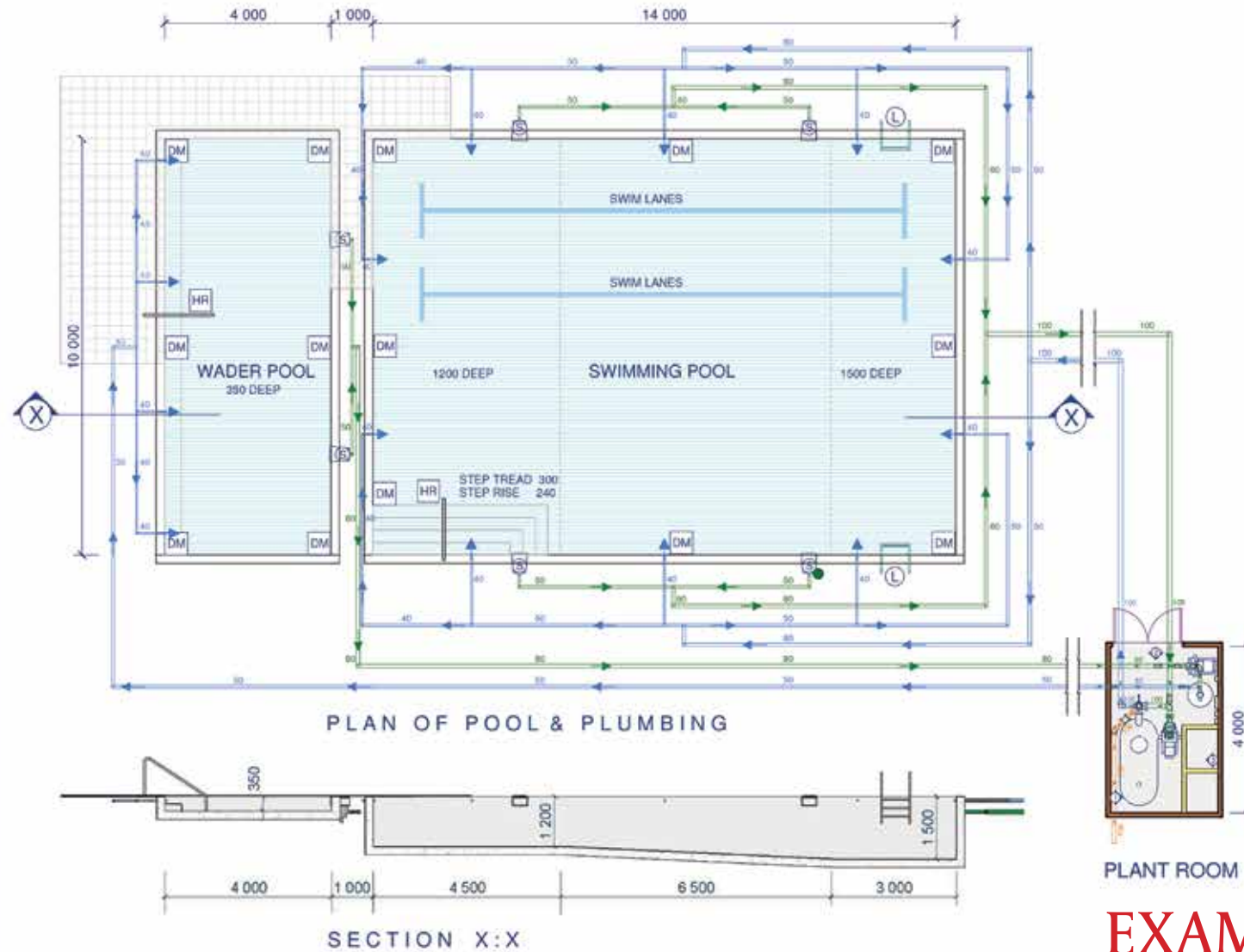
# DILIGENCE, DEDICATION AND INNOVATION

Each project comes with its own inherent challenges. Our vast experience with shotcrete construction ensures that we have the strategies and solutions to overcome any obstacles that may arise.

These skills allow us to construct swimming pools that are simply unattainable by traditional double form and pour construction techniques.

Possessing an intimate knowledge of the Western Australian Department of Health Guidelines for Swimming Pools, and supported by WA's leading Hydraulic Design Consultants, we ensure all of our safety requirements and sanitising systems meet the required specifications to deliver crystal clear, clean water.





WADER POOL	
WADER AREA	40 m <sup>2</sup>
WADER VOLUME	13.3 m <sup>3</sup>
PLANT FLOW	27 m <sup>3</sup> / HR
FILTER AREA	49 m <sup>2</sup>
PUMP	1.9 KW
CLASSIFICATION	CATEGORY 2

SWIMMING POOL	
POOL AREA	140 m <sup>2</sup>
POOL VOLUME	185 m <sup>3</sup>
PLANT FLOW	55 m <sup>3</sup> / HR
FILTER AREA	1.5 m <sup>3</sup>
PUMP	3.0 KW
CLASSIFICATION	CATEGORY 7

- LEGEND**
- SKIMMER BOX OUTLETS - FILTRATION
  - FILTRATION WALL RETURN INLETS
  - WATER MAKE UP POINT - TO SKIMMER BOX
  - DEPTH MARKERS
  - STEP AND HANDRAILS
  - 3 STEP LADDERS
  - PLUMBING FLOW DIRECTION

**EXAMPLE ONLY**

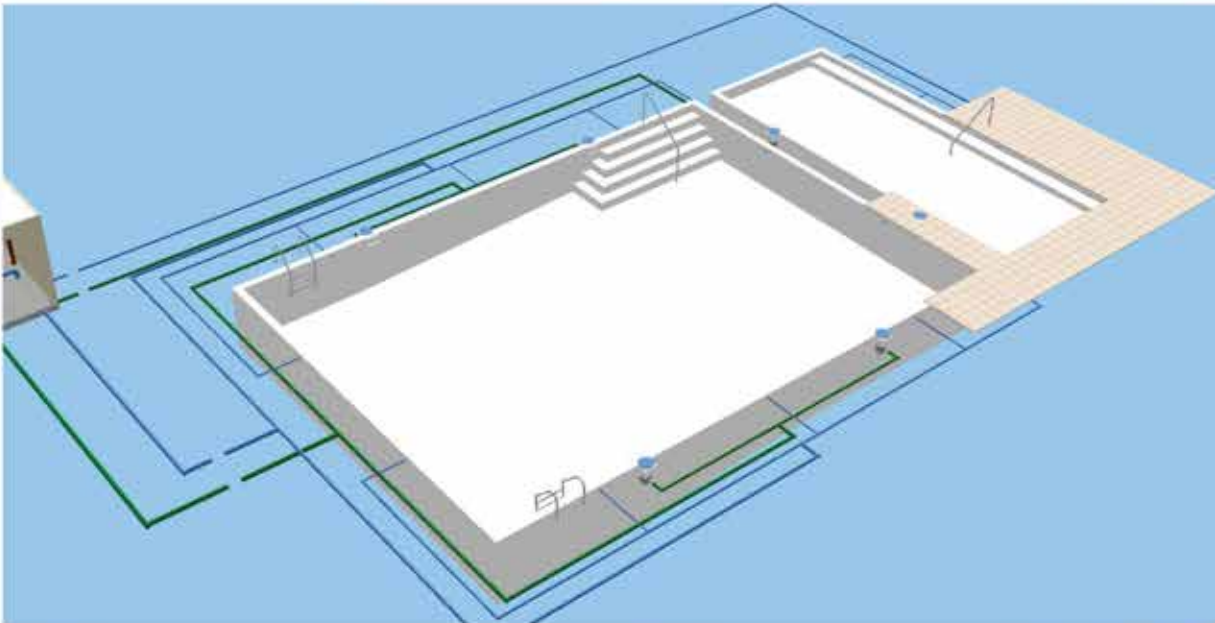
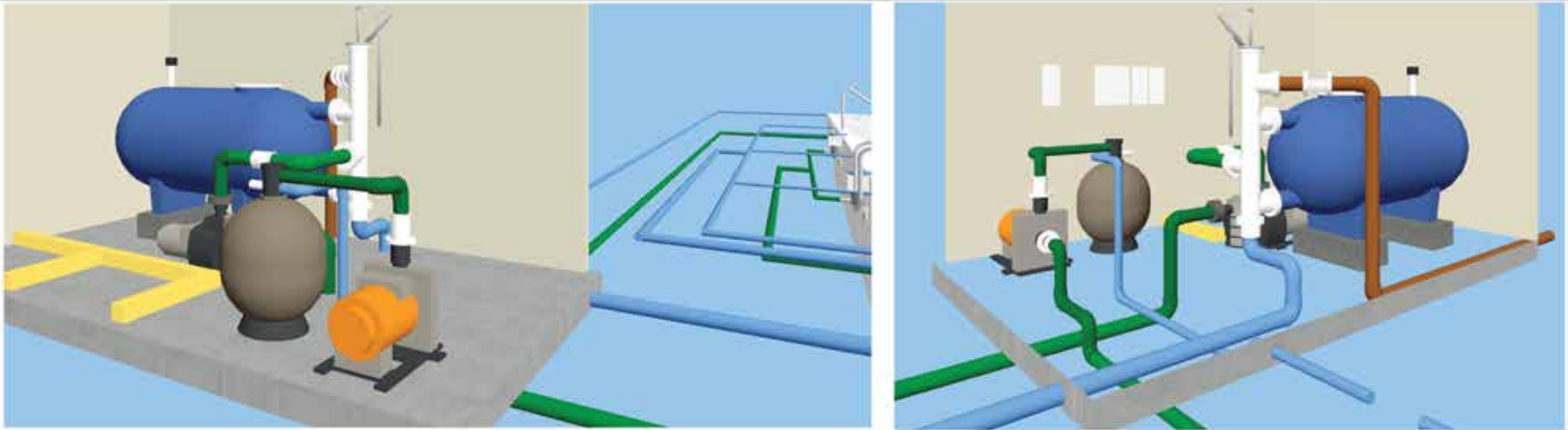
Pool Builder	Infiniti Commercial Pools
Job Location	

Job Description	SWIMMING POOL PLUMBING LAYOUT
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SCALE:	1 : 100 @ A3	DWG No	
DATE:	6 - 9 - 2016		1 of 3
AMENDED:	7 - 9 - 2016		
These drawings are the Copyright of Chadson Engineering			
These drawings are for Health Department submission only and are not to be used for or construed as 'as built' purposes			







NOTE :  
 4000 x 2500 PLANT ROOM  
 SHOWN WITH WALLS REMOVED  
 FOR ILLUSTRATION PURPOSES

NOTE :  
 THE SYMBOLS FOR PUMPS AND  
 VALVES ARE FOR ILLUSTRATION  
 PURPOSES ONLY AND WILL NOT  
 NECESSARILY REPRESENT THOSE  
 USED OR DELIVERED FOR THE  
 PROJECT

**EXAMPLE ONLY**

Pool Builder	Infiniti Commercial Pools	Job Description	SCALE: N.T.S. @ A3	DWG No
Job Location		ILLUSTRATIONS OF POOL AND PLANT ROOM	DATE: 6 - 9 - 2016	3 of 3
			AMENDED:	
			These drawings are the Copyright of Chadson Engineering	
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# KEY BENEFITS

## WHY SHOTCRETE?

Shotcrete has often been described not as a material but as a process. This process produces a structure that exhibits superior hardened qualities such as high strength, low permeability and high durability compared to high quality conventional concrete.

Although the hardened properties of shotcrete are similar to conventional cast in place concrete, the nature of the shotcrete placement process provides additional benefits, such as excellent bond with most substrates and instant or rapid capabilities in shaping, particularly on complex forms or shapes.

## COST SAVING

- Formwork savings of 50 to 100% over conventional cast in place construction.
- Crane or other equipment savings or elimination.
- Labor savings of at least 50% in repair application.

## HIGH SPEED

- New construction speed savings of 33 to 50% in forming costs.

## VERSATILITY

- Complex shapes require very little, if any, formwork.
- Formwork does not have to be designed for internal pressures.

## SUPERB QUALITY

- Better bonding to the substrate which enhances durability.
- High strength, low permeability.

## SAFETY

- The ability to access restricted spaces and difficult to reach overhead and underground areas.

## WHAT DOES THIS MEAN FOR YOUR BUSINESS?

The sustainability advantages of shotcrete pool construction directly and positively impact the economic and environmental aspects of a project, such as material, labour and time savings as well as improved structure quality.







# HEALTH, SAFETY AND ENVIRONMENT

At Infiniti Commercial Pools, we pride ourselves on the comprehensive health and safety culture we have nurtured and developed over many years. We consider the health and safety of our staff and contractors, and the minimisation of environmental impacts critical to the overall success of a project.

We are committed to ensuring all health and safety risks are effectively managed at all stages of construction and delivery.

We are very conscious of the need to manage environmental impacts and have a detailed environmental risk management procedure. For each project we undertake a comprehensive health, safety and environmental risk assessment specific to that project's requirements.

We ensure all staff involved with the project comply with the controls identified in the assessment. We have developed our own comprehensive SWMS for all tasks undertaken and promote a 'think twice, act once' mentality in our workplace.



# DESIGN - CONSULT - CONSTRUCT

Our aim is to assist architects, engineers and project managers in the following key areas to ensure efficient and comprehensive project delivery.

- Initial concept
- Department of Health (DoH) applications and construction approvals
- Hydraulic design
- Engineering
- Estimated construction costs and timeline
- Health, safety and environmental requirements
- DoH approved surface finishings and fit out
- DoH Certificate Of Compliance and Permit To Operate







# WATER PLAYGROUNDS

## Quality You Can't Deny!

Infiniti Commercial Pools offer high quality water playgrounds systems custom designed to suit each clients specific requirements. Our water playgrounds are manufactured to the highest international standards for design and safety requirements. Why not let us help you design and install your water playground, contact us today and we'll be happy to assist you to turn your ideas into reality.

# SPLASH PADS

## Fun and Games!

Our industry-leading Splash pads are the most popular products here at Infiniti Commercial Pools. Whether mounted on a self draining splash pad or in a shallow wading pool, our unique and colourful water features have become a favourite among our clients. Call or email us today to start your very own design. We guarantee you won't be able to find better quality elsewhere.





# RESORTS & HOTELS

## Custom Pools, Spas and Waterplay Systems

Does your Hotel or Resort require a top quality swimming pool or waterplay system to help you stand out from the crowd? In the highly competitive Hotel and Resort industry, a well designed, high quality pool or aquatic play system will give you the advantage over your competitors. Infiniti Commercial Pools have been offering incredible custom designed and constructed pools to the Western Australian community since 2013.

Why not give us a call to arrange a consultation today to see whats possible for your establishment.







# PORTFOLIO

## **Hilton garden INN - Busselton- 2021**

Main Contractor - Infiniti Designer Pools  
Department of Health approved construction of 13m x 8m Resort swimming pool.

## **Boyup Brook Toddler Splash Pool - 2020**

Main contractor - Infiniti Designer pools Department of Health approved Toddler splash Pad with water feature play equipment.

## **Adventure World Landing Pool - 2017**

Main contractor - Perkins TPD  
Infiniti Designer Pools role - Formwork, steel fixing and concrete.

## **RAAF Learmonth, Exmouth - 2016**

Main Contractor - Infiniti Designer Pools  
Department of Health approved construction of 20m x 10m Public resort swimming pool & filtration enclosure.

## **Tuart Lakes Lifestyle Village 2015**

Main Contractor - Commercial Aquatics Australia  
Infiniti Designer Pools role - Formwork, steel fixing and concrete.

## **Pallazo Apartments South Perth - 2015**

Main Contractor - Infiniti Designer Pools  
Infiniti Designer Pools role - Formwork, steel fixing, plumbing, concrete waterproofing and sound proofing.

## **Calleya Aspire - Lifestyle Village - 2020**

Main Contractor - Infiniti Designer Pools  
Department of Health approved construction of 16m x 4.5m Public resort swimming pool.

## **Mindarie Marina Resort - 2016**

Main Contractor - Infiniti Designer Pools  
Department of Health approved construction of 16m x 4.5m Public resort swimming pool.

## **Apartment 175 Hay Street - 2015**

Main Contractor - Infiniti Designer Pools  
Department of Health approved renovation to existing resort pool and filtration upgrade.

## **Isaka Spa - Crown Perth - 2013**

Main Contractor - AVP  
Infiniti Designer Pools role - Formwork, steel fixing and concrete.

## **The Ranges Karratha - 2013**

Main contractor - Commercial Aquatics Australia  
Infiniti Designer Pools role - Formwork, steel fixing and concrete.



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## Contact Us

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