

G E O F F  
N I N N E S  
F O N G  
A N D  
P A R T N E R S

EXCELLENCE IN ENGINEERING

STRUCTURAL | CIVIL | AQUATIC

GNFP

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**“ OUR PURSUIT  
OF EXCELLENCE  
IS MEASURED BY  
OUR CUSTOMER  
SATISFACTION...”**



Geoff Ninnes Fong and Partners are a broad based consulting firm with over thirty years of experience in the fields of structural, civil and aquatic engineering.

We are a growing organisation with offices in state capitals around Australia. Our team of professional staff have the combined expertise to meet the demands of a wide range of complex engineering projects.

Founded in 1974 by Geoff Ninnes, we have grown to become a national organisation developing projects in Australia, South East Asia, and the Middle East.

We believe strongly in fostering good relationships with our clients. Our senior engineers are always available to listen to your requirements, discuss your ideas and work closely with you for the duration of your project, however big or small it might be.

Our focus is on achieving the right result for you. We offer a winning combination of technical knowledge, innovative thinking and cost effective solutions including using the latest design software to help us achieve the best results, every time.

Some recent key projects include:

- > Ford Australia Factory Extension – Victoria
- > Australian Institute of Sport Elite Training & Hydrotherapy Pools – ACT
- > Oakhill College Sports Complex – NSW
- > Waneroo Aquadome – WA
- > Sony Music DADC BluRay Industrial Complex & DVD Manufacturing Plant
- > Multi Unit Complex – Rockdale Gardens
- > University of NSW Multilevel Carparks
- > Peninsular Leisure Centre, Woy Woy
- > Emerton Leisure Centre

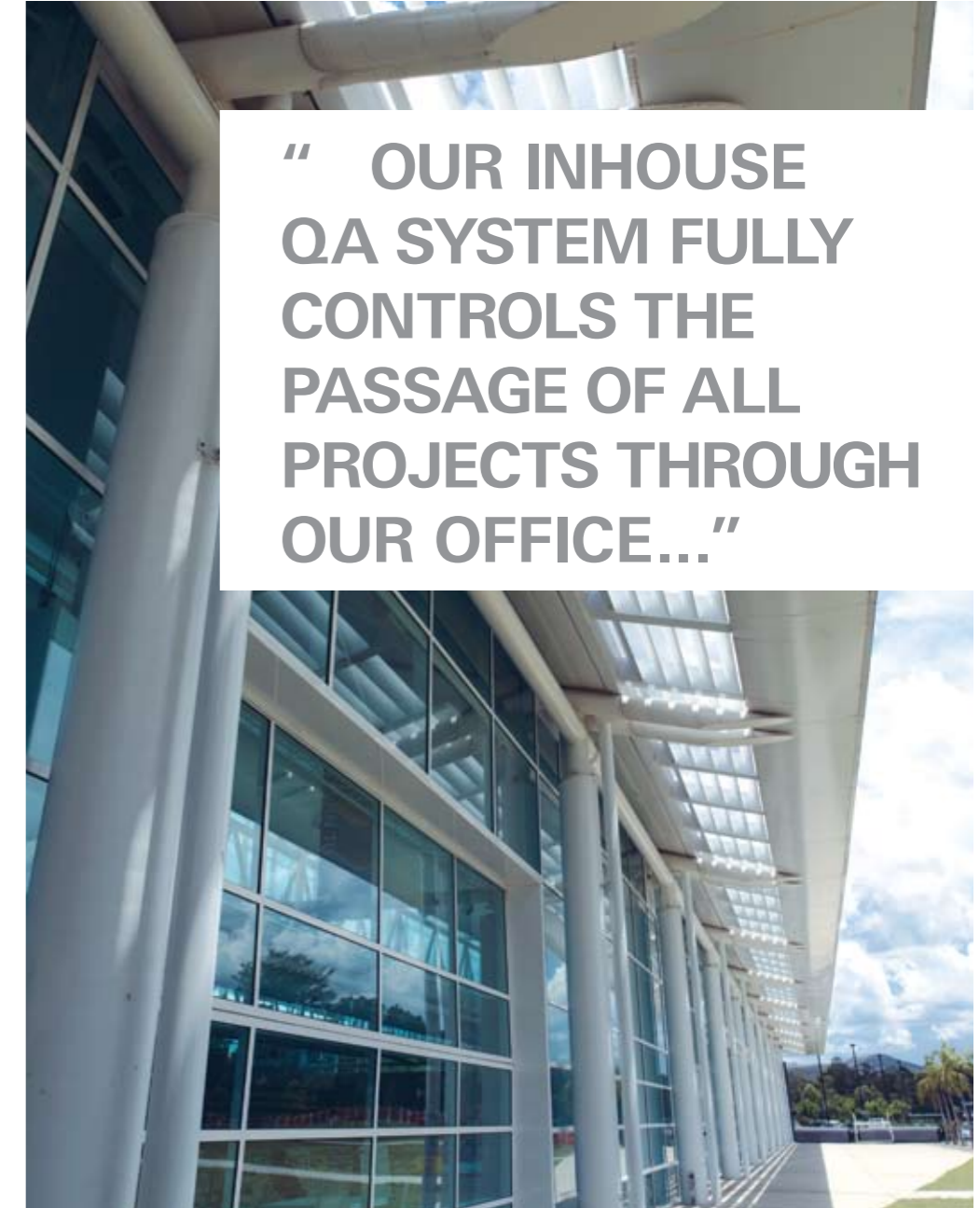


# STRUCTURAL & CIVIL

Geoff Ninnés Fong and Partners have years of experience working on a variety of civil and structural engineering projects across Australia and the Asia Pacific region. From the initial design and reporting stages through to on-site supervision and completion, we can provide you with a quality end product that meets your structural and civil engineering needs.

Our engineering experience includes:

- > State and Federal Government Projects
- > Shopping Centres, Clubs and other Recreation Facilities
- > Cyclone and Earthquake Resistant Building Design
- > Industrial and Heavy Industrial buildings
- > Luxury Residential Properties
- > Concrete and Steel Structures of all forms
- > Highrise Buildings
- > Commercial Pool Structures and Plant
- > Water Conservation and Recycling



“ OUR INHOUSE  
QA SYSTEM FULLY  
CONTROLS THE  
PASSAGE OF ALL  
PROJECTS THROUGH  
OUR OFFICE...”



PENINSULA LEISURE CENTRE



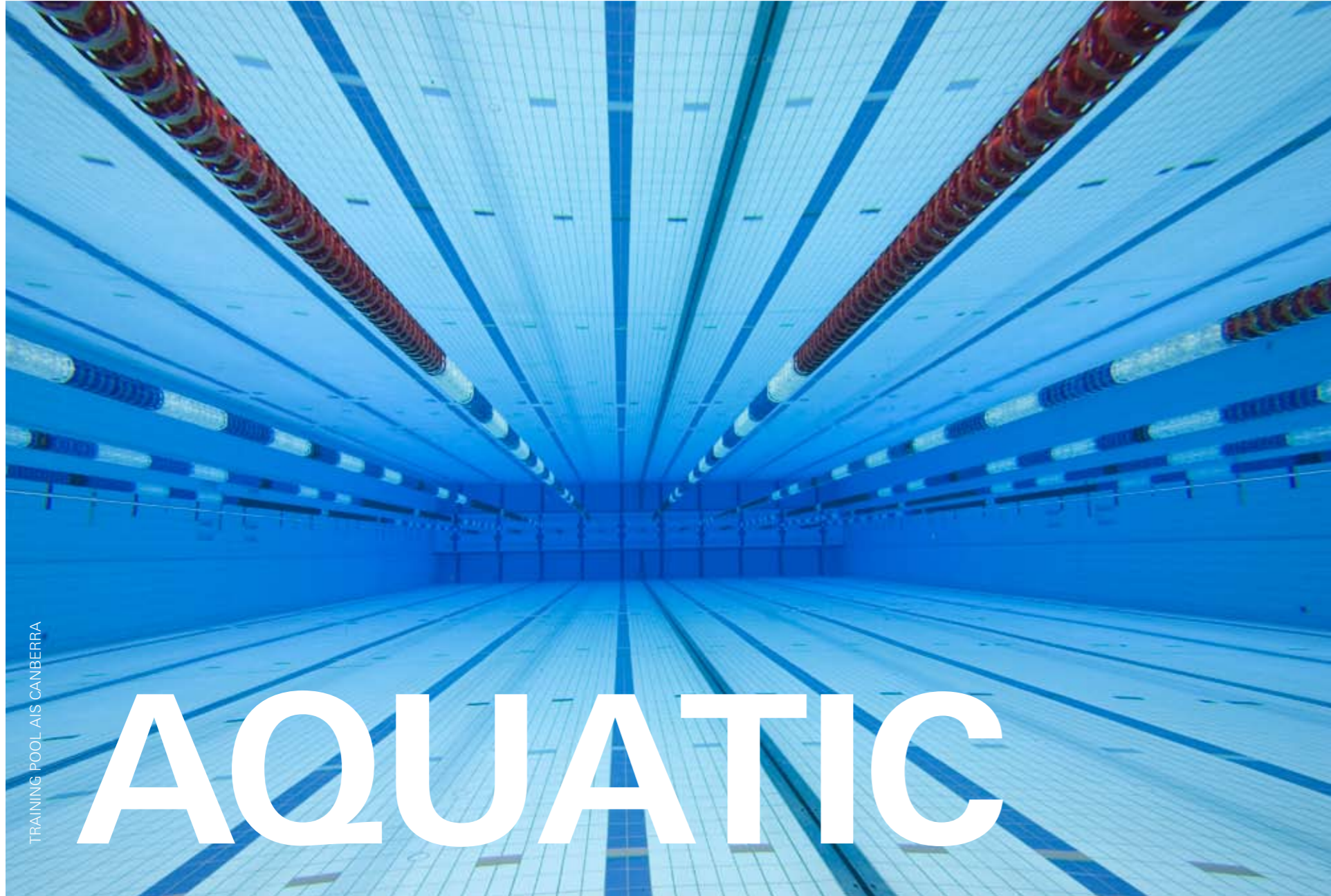
“ WE TAKE AN  
INNOVATIVE  
AND TAILORED  
APPROACH...”



THE PALISADES, BONDI JUNCTION

Our completed projects are renowned for quality design, functionality, sustainability and excellence. We will aim to work within your budget and timeframe and we will ensure that you are kept informed of how the project is progressing at every stage.

GNFP provide civil engineering capability to compliment projects that are primarily structural in nature.



TRAINING POOL AIS CANBERRA

# AQUATIC

Our specialist skills in the area of aquatic engineering put us at the forefront of this rapidly evolving engineering field and over the last 25 years, we have designed more than 400 commercial swimming pools and aquatic centres.

From small scale residential swimming pools to large scale council aquatic centres, water parks and associated water treatment plants, we create and project manage a wide range of effective designs to suit every situation.

We offer a unique approach, combining the design and integration of the pool and tank structures as well as the water treatment plant, which solves many of the problems associated with the development of a modern swimming pool complex.



STATE OF THE ART HYDROTHERAPY POOL AIS



FILTRATION EQUIPMENT AIS



PENINSULA LEISURE – POOL HALL



LEISURE POOL – EMERTON



POOL HALL – EMERTON

**“ WE OFFER A  
TOTAL SOLUTION FOR  
AQUATIC CENTRES  
BY INTEGRATION OF  
STRUCTURES, WATER  
TREATMENT AND  
RETICULATION...”**

Some examples of our aquatic engineering projects include:

- > Australian Institute of Sport Elite Training and Hydrotherapy Pool
- > Homebush Olympic pool water treatment system replacement for 2000 Olympics
- > Ryde aquatic centre for the 2000 Olympic games
- > Equine pools in Australia, Hong Kong and South Africa
- > Peninsula Leisure Centre, Woy Woy
- > Numerous school pools and hydrotherapy pools
- > Aquatic parks, wavepools and splashpads

# OUR DESIGN TEAM

The team at Geoff Ninnes Fong and Partners are equipped with the technical skills, time, and hands-on attention to meet the needs of even the most challenging project.

Our senior professionals are all members of Engineers Australia (MIEAust).



### Geoff Ninnes

Geoff Ninnes, founder and Managing Director of Geoff Ninnes Fong and Partners is a respected expert in Aquatic engineering, and is based in Perth. He has lectured at conferences all over Australia, New Zealand and South Africa and is the firm's Principal Aquatic Engineer with unrivalled experience in this field.

He began work in the domestic swimming pool market and progressed to much larger commercial pools and aquatic centres.

Geoff now consults on new and complex swimming pools nationally and internationally with recent projects taking him to Brunei, Shanghai and Fiji.

Some of Geoff's most recent projects include:

- > Australian Institute of Sport Elite Training and Hydrotherapy Pool
- > Waneroo Aquadome, WA
- > Peninsula Leisure Centre, (Woy Woy) NSW



### Brad Fong

Brad commenced working at Geoff Ninnes and Partners in 1986 before becoming a Director in 1994.

During his time at Geoff Ninnes Fong and Partners, Brad has designed and inspected a range of complex building projects, some with an individual value of up to \$60 million.

Brad's area of expertise includes:

- > Economical steel design for industrial buildings
- > Large span roofs
- > Industrial and retail buildings
- > Deep excavations in difficult sites
- > Cyclonic wind resistant buildings
- > Medium-low rise commercial/residential buildings
- > Commercial and Domestic swimming pool design
- > Luxury Residential Buildings
- > Engineering reports and remedial specifications for defective building and swimming pool structures



### Tony Russo

Tony became senior Engineer at Geoff Ninnes Fong and Partners in 1997 and Associate Director in 1999. Tony has worked on a number of large-scale engineering projects, some worth more than \$50 million.

Tony's area of expertise include:

- > Multi storey developments
- > Government facilities
- > Industrial and retail buildings
- > Refurbishments
- > Post tensioned concrete structures
- > Aquatic facilities
- > Luxury Residential Buildings
- > Pavement design (super flat floors)



### Gordon Smith

Gordon has been a consulting engineer for over 30 years and is now Director of Aquatic Projects, East Coast. His expertise in the field of aquatic engineering includes working on numerous major aquatic centres such as, municipal pools, leisure centres, spas and hydrotherapy pools, slides and various water features. Examples include:

- > Peninsula (Woy Woy) Leisure Centre
- > Macquarie University Sports and Aquatic Centre
- > Australian Institute of Sport Elite Training and Hydrotherapy Pools

Gordon's additional area of structural engineering expertise includes:

- > Prestressed, pre-tensioned and post tensioned concrete structures
- > Low, medium and high rise structures
- > Institutional buildings (schools, hospitals, libraries, galleries, prisons)
- > Lightweight membrane structures, cable and air supported



### Bruce Muggeridge

Bruce joined the team in May 2005 after gaining vast experience at Meriton Apartments - one of the largest property developers in Australia. Bruce has been practicing as a structural engineer since 1992 and is Director of the new Brisbane office Ninnes Fong Muggeridge.

Bruce's primary interest is in the construction industry and his focus is on designing buildable structures.

Bruce's area of expertise include:

- > Industrial buildings (factories and warehouses)
- > High rise buildings
- > Institutional buildings (schools, hospitals, libraries, galleries, prisons)
- > Sports complexes
- > Luxury residential developments
- > Shopping centres

Projects:

- > Oakhill College Sports Complex
- > 30 Kingsway Cronulla Commercial Development
- > Usana Warehouse and Office, Hudson Av Castle Hill
- > 20 Benelong Cr Bellevue Hill Luxury Apartments



**Acknowledgments**

Emerton & Peninsula Leisure Centres – Tompkins MDA  
 Oakhill College – MSK Architects  
 Oxford Falls – Christian City Church – Stanton Dahl  
 Bondi Junction Project – Peter Ball & Associates  
 Milsons Point Project – Walker Corporation  
 Pymont Apartments – Candalepas & Associates  
 AIS Canberra – Cox Architects Canberra