



**Philip Lucas** DipHyd, QBCC 1099 812  
**Senior Hydraulics Designer**

**Qualifications and Affiliations**

Diploma of Engineering, Construction Hydraulics  
 Licensed Plumber, Drainer and Gas Fitter  
 Backflow Prevention Accredited

**Background & Experience**

Philip has over twenty (20) years' experience in the Hydraulic and Wet Fire Services Design Field. In addition, Philip's trade experience in plumbing lends itself to providing innovative and practical solutions to design challenges.

Philip has been actively involved in projects across an extensive range of sectors including Health, Education, Correctional, Retail, Residential, Aged Care, Mining and Industrial fields. His experience extends from Concept Design through to Construction Phase Documentation in all aspects of the design process including Design, Safety In design Work Shops, Value management Workshops, Development of Opinion of Costs, Specification Writing, Peer Reviewing and Construction Supervision.

**Project Experience**

**Institutional**

- JCU Cairns– Australian Institute of Tropical Health and Medicine
- JCU Townsville– Australian Institute of Tropical Health and Medicine
- UQ – Centre for Advanced Imaging
- UQ – Level 5 Goddard Building
- UQ – Gehrman Building Level 1 and 2 Laboratory Refurbishments
- UQ – Level 5 Mansergh Shaw Building
- UQ – Queensland Brain Institute
- DNA Analysis Refurbishment
- QUT – Wet Laboratory Project
- UQ – Otto Hirschfeld Level 5 Insectory
- CSIRO Centre of Advances Technology – Pinjarra Hills
- CSIRO Steel River Research Complex – Newcastle.
- UQ – Centre for Advanced Imaging
- JCU Townsville Building 28 Refurbishment

**Education**

- UQ – Sir William MacGregor Building
- BER Program
- Mackay Northern Beaches State High School
- Caloundra City School
- Miami State High School
- Flagstone State Community College
- Oxenford State High School
- Ormeau State High School
- Mt Low SHS Master Plan & Stage 1

**Sporting**

- Redcliffe Dolphins Stadium
- Cowboys NRL House
- Townsville Sports Reserve Grandstand Upgrade
- Beenleigh Aquatic Centre
- Ballina Indoor Sports Centre

**Residential**

- Linear Apartments, Caloundra & Auchenflower
- Griffith University Student Accommodation
- Kelvin Grove Student Accommodation
- Buranda Student Accommodation

- Lume Apartments, Kangaroo Point
- Baxter Street Apartments
- 11 Helen Street - Teneriffe Apartments
- New World Towers Peel Street
- Seniors Living Apartments, Wollongong
- Banyan Tree Apartments – Kangaroo Point
- Johnston Street - Bulimba Apartments

**Retail**

- Orion Shopping Centre
- Indooroopilly Shopping Centre Expansion
- Robina Town Centre
- Mt Ommaney Shopping Centre Expansion
- Woolworths, Banyo & Cornubia
- Bundaberg Shopping Centre Expansion
- Central Plaza, Gympie

**Health**

- Rockhampton Base Hospital – Stage 1, Cancer Care Centre, Intensive Care Unit and Helipad
- Caloundra Hospital – Department of Emergency
- St Andrews War Memorial Hospital – 8 Level Ward Block, Theatre Upgrade
- Wesley Hospital – Theatre Upgrade, Legionella Rectification
- Bundaberg Hospital – Depart of Emergency, Maternity and Allied Health, Fire Upgrade
- Cairns Base Hospital – Mental Health Unit, Clinical Services Building
- Bundaberg Hospital – Block D

**Fire Stations**

- Richmond Fire Station Replacement

**Community**

- Atherton International Club - Refurbishment & Extensions

**Aged Care**

- Berlasco Court Redevelopment