



# Philip Lucas

## HYDRAULIC TEAM LEADER & SENIOR HYDRAULIC DESIGNER

DIPHYD, QBCC 1099 812

### BACKGROUND

From preliminary concept design right through to the final construction, Philip has demonstrated success in delivering hydraulic engineering solutions for clients. In a career spanning over 20 years, Philip's plumbing trade experience lends compliments his engineering academic credentials to provide innovative and practical solutions to complex design challenges.

### PROJECT EXPERIENCE

#### INSTITUTION

- 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/ Gehrman Building Level 1 and 2 Laboratory Refurbishments/ Level 5 Mansergh Shaw Building/ Queensland Brain Institute/ Otto Hirschfeld Level 5 Insectory/ Centre for Advanced Imaging
- DNA Analysis Refurbishment
- QUT - Wet Laboratory Project
- CSIRO Centre of Advances Technology - Pinjarra Hills
- CSIRO Steel River Research Complex - Newcastle.
- JCU Townsville Building 28 Refurbishment
- Townsville Marine Tourism Precinct - Ferry Terminal
- North Mackay Lookout
- Townsville Electorate Office Fitout

#### 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
- Cannonvale SS, Stage 2 Administration & Library
- Proserpine & Heatley Park State High Schools - Renewing our Schools Program
- Burdekin TAFE
- Banksia Beach State School - Administration Extension

#### 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
- Stockland Burleigh Heads - Dining Precinct
- Brian Bell Home Centre, Redevelopment PNG

#### 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
- Gin Gin Hospital
- Pathology Laboratory Redevelopment Bundaberg Hospital
- Charters Towers Hospital CT Scanner (THHS)
- QAS Brief and Specification - Engineering Review

#### FIRE STATION

- Richmond Fire Station Replacement
- Proserpine Replacement QFES Station
- QFES Mt Isa - New Area Office, Appliance and Storage Extension

**COMMUNITY**

- Atherton International Club - Refurbishment & Extensions
- Harbourtown Gold Lounge Cinema Extension
- Proserpine Entertainment Centre
- Flagstaff Hill Building Project (Council Function Centre)
- Reading Cinema Rhodes, NSW
- Castle Hill PCYC

**AGED CARE**

- Berlasco Court Redevelopment
- Murroona Gardens - Wattle Wing & Day Therapy
- Tully Nursing Home Kitchen Refurbishment & Extension

**SPORTING**

- Redcliffe Dolphins Stadium
- Caboolture Regional Aquatic and Leisure Centre
- Beerwah Aquatic Centre Upgrade
- Townsville Sports Reserve Grandstand Upgrade
- Beenleigh Aquatic Centre
- Ballina Indoor Sports Centre
- South Pine Indoor Sporting Complex Extension
- Les Hughes Sporting Complex - Consultancy Services
- Whitsunday Sports Park Redevelopment and Stages 2 & 3

**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

**CHILD CARE**

- Child Care Centre, Devereux Street

**MINING**

- Adani Contractor Camp

**SERVICE STATION**

- Stockland Birtinya Service Centre Development
- Freedom Fuels – Kallangur
- Service Station, Sheridan Street Cairns
- Retail Development, Graham Road, Morayfield – 7 Eleven & Canopy

**SOCIAL HOUSING**

- Youth Foyer Townsville & Gold Coast – Social Housing
- 12 Public Housing Units, Booval
- Apartments, The Terrace, Ipswich
- Social Housing Haig Road, Loganlea
- 12 Apartments Gov Housing, Goodna
- Cowboys NRL House
- Social Housing, 102 Campbell Street, Rockhampton
- Prospect Community Housing, Charters Towers
- DHPW Public Housing Precinct Revitalisation Program