



BECENTIA
CONSULTING ENGINEERS

CONTACT

 07 2802 1850

PROFESSION

Building Services Designer
Electrical and Lighting

QUALIFICATIONS

Associate Diploma (Applied
Science, Architectural Drafting),
Canberra Institute of Technology

Diploma of Security and Risk
Management, Canberra Institute
of Technology

SENIOR ELECTRICAL DESIGNER

DAVID WILLIAMS

David understands the lighting requirements for different environments and provides thoughtful recommendations to his commercial clients.

EXPERIENCE

David has worked within the Building Services design industry as an Electrical Design Drafter for more than 20 years. During that time David has been involved in the design and documentation of electrical services for a broad-spectrum of projects across multiple industries as well as public lighting in Queensland, New South Wales and the ACT.

David has extensive experience in the commercial, health, multi-residential and sports lighting sectors as well as urban residential design and public lighting and understands common constraints and challenges. He helps his clients to provide functional and comfortable spaces while meeting necessary statutory requirements.

He is highly skilled at electrical services design and documentation appropriate to each sector. He considers the use of each space in context with both the architects and clients view of how the space will be used and designs the spaces to help achieve each stakeholders' expectations.

RELEVANT PROJECTS

Retail tenancies Lot 5 Logan Street Logan Village, Qld

Lead Electrical Designer for the design of a new multi-tenancy retail development including base building and cold shell, carpark and drive-thru reticulation. Incoming power and communications and supply authority negotiations.

St Lukes lower primary redevelopment, Bundaberg, Qld

Lead Electrical Designer for the design of a new lower primary building incorporating learning spaces, breakout spaces, staff facilities, studio and amenities. Design of Specialist lighting, general and emergency lighting, power, communications, access control and intruder detection.

Mix Use development, Cranebrook, NSW

Lead Electrical Designer for a mixed-use development. This included Power, Lighting, Communications and security designs for Childcare, Swim school, El Janah restaurant, Hungry Jacks, Guzman Y Gomez as well as site reticulation for power and site wide public and car park lighting.

Mater Hospital Endoscopy upgrade, Brisbane, Qld

Lead Electrical Designer for the upgrade of the Endoscopy CSSD. Design of power, lighting and communications with close collaboration with Hydraulics and consideration of staging to deliver the best outcome for the



ADDITIONAL RELEVANT PROJECTS

10 Astral Ct Townhouse development, Flinders View, Queensland

Lead Electrical Designer for a new multi-residential development. This consisted of 120 townhouses. This included the design of the reticulation of power and communications services throughout the site including distributed meter panels, road and carpark lighting. It also included liaison with authorities for incoming power and communications connections including a new padmount substation and the removal of existing services on the site.

6 Blackall Street Multi-residential, Ipswich, Queensland

Lead Electrical Designer for a new multi-residential development. This consisted of 36 units over 6 floors. The role included liaison with authorities for incoming power and communications connections and the design of the reticulation of services throughout the building and lighting and smoke detection to the common areas.

ACU Mercy Building Banyo, Qld

Leading the lighting design for the Mercy Building at Australian Catholic University Banyo, which incorporated unique architectural features such as arched ceilings and windows, study pods, timber ceilings, large double height spaces, sculpture and a function space.

Villanova College New building, Coorparoo, Qld

Lead lighting designer for a new college building. Working closely with the Architect to provide innovative lighting solutions including lighting to a covered outdoor teaching/breakout space via uplighting from post top lighting.

Sadliers Crossing Childcare, Sadliers Crossing, Qld

Lead Electrical Designer for a new Childcare built over two consolidated lots, on one of which the existing 'Queenslander' was kept to form part of the new childcare development. Design of internal and carpark lighting, Exit and emergency lighting, power, communications and access control.

Nolan Park BMX Club

Lighting Designer for the Sports and Public lighting to a new BMX club. This included lighting design for the BMX track.

Greenmount Surf Club, Coolangatta, Qld

Lead Electrical Designer for the Refurbishment of the Greenmount Surf Club. This included lighting design for new and existing spaces, relocation of the communications rack, augmentation of the existing smoke detection system and redesign of the general power and communications to suit the new layout.

Young and Oakey Flat Intersection Upgrade

Lighting designer responsible for road and public lighting in accordance with Australian and local standards. This required close co-ordination with the Civil consultant, Traffic engineers and Traffic Signal engineer as well as effective liaison with Energex's public lighting section.