

Telwater

Aluminium Boat Manufacturing Headquarters

Telwater (formerly Quintrex) is Australia's largest manufacturer of aluminium boat and trailer packages in the southern hemisphere. Australian owned and operated, Telwater produces up to 30 boats per day and is supported by approximately 200 dedicated staff. Telwater identified the need for a modern facility that would allow them to increase production and meet increasing market demand for their high quality Quintrex products.

📍 Coomera, Queensland
 📄 Advisory services, design, construction, project management, Principal Contractor, commissioning

Project scope

Wiley was approached to design and construct a 9,600m² purpose-built aluminium boat manufacturing headquarters on a 6.4-hectare site.

The project included:

- Professional advisory service on options for consolidating the separate small and large boat manufacturing processes into two factories, on one site.
- Energy-efficient design solutions to lower operational costs, conducting computer simulations to analyse airflow and choose the best option for maximising natural ventilation, reducing the need for expensive mechanical systems.
- A central breezeway for deliveries, security, weather protection, and ventilation, ensuring worker comfort and minimising radiant heat.
- An efficient process flow design to boost daily production rates
- Detailed services coordination to determine the exact locations for all pipes, cable trays and conduits and achieve greatest flexibility to accommodate future changes
- Lifecycle costing and cost planning to reduce running costs
- Careful project planning for the fastest possible completion time

Business value to client

The new facility enabled Telwater to seamlessly combine small and large boat manufacturing functions, increasing their operational efficiencies and production rates to 25 large boats and 45 small boats a day.

Adopting energy-efficient practices, Telwater were able to significantly reduce operational costs.

The marine-themed 'wave' design enhanced the client's corporate image, while providing a comfortable work environment for employees.

Wiley's innovative approach to the design and construction of Telwater's headquarters not only reflects the company's brand, but also sets a new standard in boat manufacturing efficiency and sustainability.

This project exemplifies how thoughtful design can lead to significant operational improvements and cost savings in industrial settings.

Award-winning project

The project was awarded a Master Builders Association State Award for Industrial Buildings from \$1m-\$10m.



Greenfield



Industrial



Design and construct



Advisory Services

