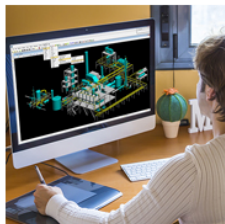


FLATWORLD PROVIDED PIPE DESIGN AND DRAFTING SERVICES FOR AUSTRALIAN POWER MAGNET



Client Profile - Australian Construction Group

The client is based in Australia (Brisbane) and specializes in work with the power generation, energy and mining industries. Their services include project management, shutdown planning, welding, fitting, machining and steel fabrication. They often serve as an EPC (engineering, procurement and construction) contractor.

Client Requirements and Challenges - Engineering Design and Drafting

The client wanted an experienced engineering services provider to assist with pipe designing and drafting for a plant project. The requirement involved creating as-built drawings for 3D modeling of tool cabinets, piping support drawings, steel fabrication drawings and pipe placement - all to be in compliance with Australian AS4100 safety guidelines. An additional requirement included CNC (computer numerical control) machining drawings.

The project involved this primary challenge -

- + Maintaining standard terminology to facilitate use by diverse users such as construction workers, manufacturers, vendors and consultants.

The Solution - By Flatworld Solutions

The Flatworld Solutions (FWS) engineering and drafting specialists developed this solution -

- + The team included an account manager, four mechanical engineers and a quality analyst.
- + Before proceeding with the project, the team collaborated with the client and developed design and drawing terminology that would adhere to standardized practices as well as client expectations.
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Final Results - Provided 440 Engineering Drawings in 26 Days

This project demonstrates a common client scenario - ensuring structural integrity with precision engineering designs and detailed drawings that must also be in compliance with local safety standards. One solution for overcoming this challenge is to partner with an experienced and ISO certified [mechanical engineering](#) outsourcing provider.

FWS has a skilled team of more than 70 mechanical engineers and drafting specialists. We require that all engineering specialists have a minimum of five years experience. Our engineering and drafting team is ISO certified and provides high-quality services that meet international guidelines. Flatworld Solutions has two decades of experience and a multilingual team that works with ease in multiple languages.

We can always work according to your time zone and scheduling requirements - our team operates on a 24/6 schedule that allows fast turnarounds involving multiple time zones. [Contact us](#) today for our no-cost assessment and quote regarding your next project.