

PERTH

Engineers & drafters

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SPECIAL POINTS OF INTEREST:

- A highly experienced multi discipline design team
- Highly competitive rates
- Full flexibility
- Commitment to schedule
- Simple everyday drafting to full engineering analysis.
- A freshness and commitment to deliver in a market where our peers remain wanting !

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Introduction

PERTH engineers & drafters are a "low cost engineering office" and leading provider of engineering services to the Resources, Commercial, Environmental, Energy and Defence sectors of Australia.

From sustaining capital works, operations upgrades and small to multi-task projects. We strongly believe in providing a quick, reliable and quality service whilst remaining fully flexible to Client needs.

We place utmost importance on the over all satisfaction of our clients.

"charging sensible rates and by using realistic hours" we can offer a cost effective solution.



Current economic conditions dictate that companies need to review and adapt to ensure a sustainable business. Unfortunately, new projects and expansions are either, shelved, suspended or slowed down etc. Resulting in a "care and maintenance" period, which enables ramping up when conditions allow.

Small projects, within any organisation are an ongoing requirement for safety, operational effectiveness and increased efficiency. Thereby, reducing costs and maximizing profit.

This is where we, PERTH engineers & drafters enter the market-place. We (as a company) are a new name to the market place, however our staff bring a wealth of experience across all the major design disciplines offering support to:

- The Client
- Contractors
- Engineering Work Shops

We also offer sub-contract services to "established engineering design houses" kind of like a **"back office support team"**

We implement a wide range of Engineering software and systems in all disciplines to optimize engineering designs. Our collaborative approach utilises proprietary software to integrate and standardise third party software models. Thereby producing a single interdependent 3D simulation of the entire structure.

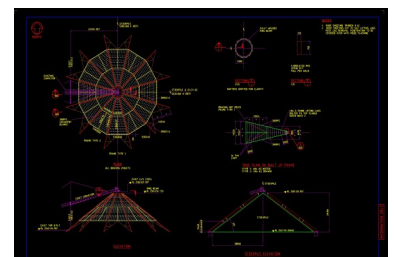
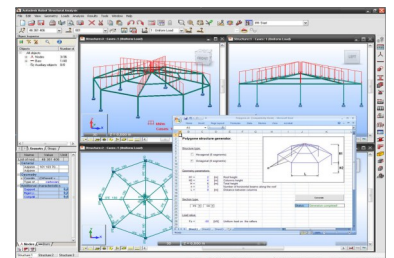
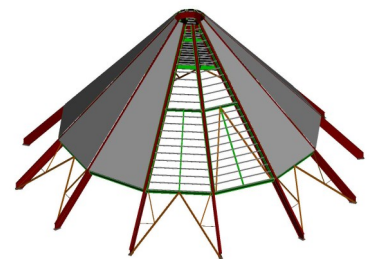
Interlinked software and services allows for time and cost advantages to be gained:

- Initial front end costs determined from accurate material takeoffs (MTO)
- Interactive 3D models assist in review of concept / front end engineering designs with Client Project Managers and Client Operations Teams prior to detail design.
- Interactive 3D models assist in review of planning, scheduling & construction sequences to maximise efficiency

3D CAD modeling technology used during the detail engineering design phase enables:

- Engineering design & analysis
- Clash detection
- Accurate 2D design drawings

Electronic interfacing for clear and concise shop detailing allowing for a logical pattern of fabrication and erection maintaining maximum efficiency



Services

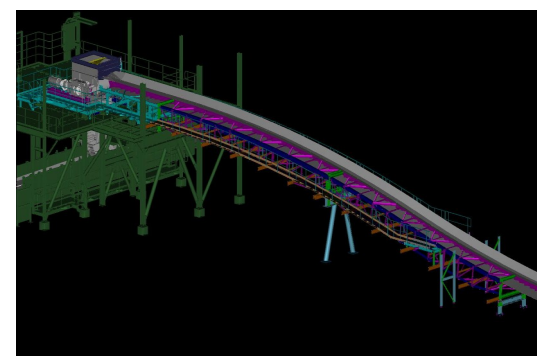
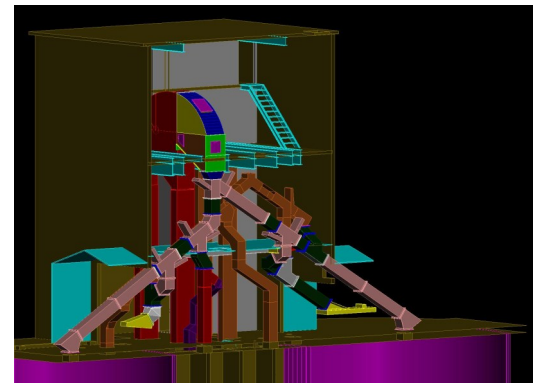
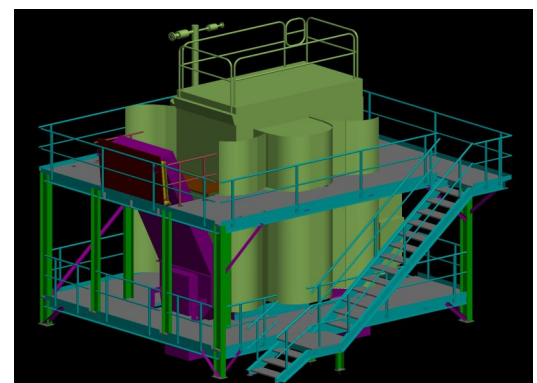
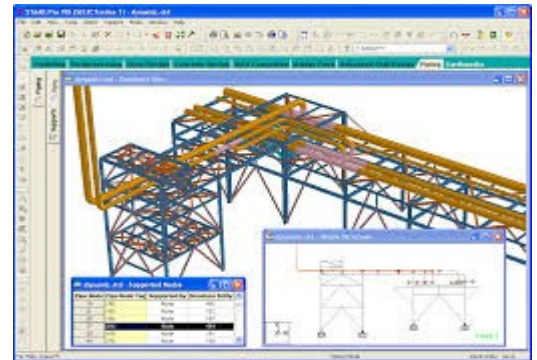
PERTH engineers & drafters provide services to cover all Project needs:

- Project Management
- Architectural
- Civil/Structural
- Mechanical/Piping
- Engineering Design & Analysis
- 3D Modeling
- 2D Drafting
- Structural Certification
- Planning / Council Approval & Licenses
- Construction / Commissioning Support
- Structural Certification
- 3D Models for review/approval
- 2D Drawings
(electronically extracted from model)
- Shop Detailing
- As built
- Paper to CAD
- CAD file conversion

Sub contract services to "established engineering design houses.

Support to Client Drawing Offices:

- As built 2D drawings
(assisting Project Engineers for future concepts)
- As built 3D models & interactive 3D PDF files
(assisting Project Engineers & Operations)
- No drawings on file –We provide site survey/ measurement and 3D Model development
(assisting future concepts)



*Small
Projects
Group
offer
support to:

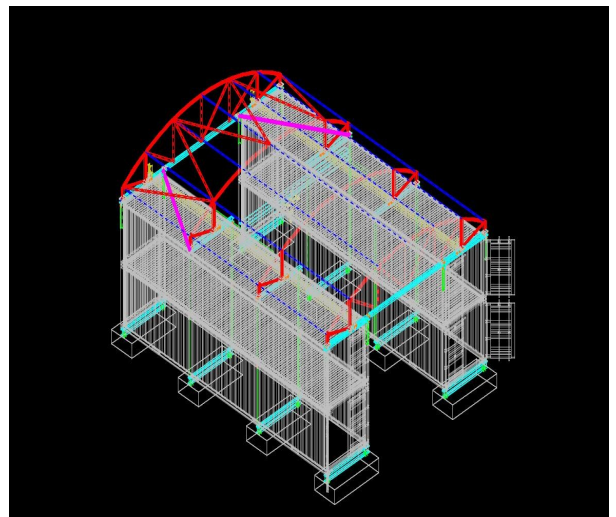
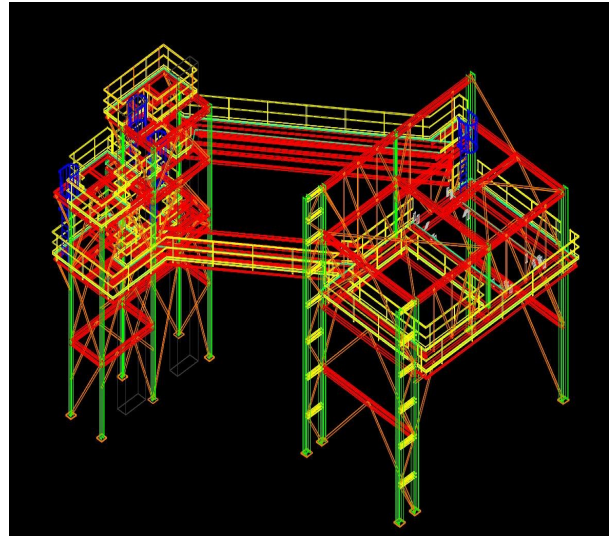
-Contractors
-Engineering
Work Shops
-Engineering
design houses*

*charging
Sensible
rates
utilising
realistic
Hours*

Projects

PERTH engineers & drafters are capable of undertaking the following types of Projects and more:

- Support to Client Contractors and Engineering Work Shops
- Support to Client Drawing Offices
- Steel & Concrete Structures
- Mechanical Equipment & Piping Services
- Plant Upgrades
- Non process Infrastructure
- Port materials handling and technology services
- Buildings, Renovations, Extensions & Additions
- Precast Buildings Renovations & Extensions
- Structural Certification for 3rd party Engineering work shops
- As Builts
- Shop Detailing
- Paper to CAD (3D Models & 2D Drawings)
- CAD File Conversions (dgn, dwg, Dxf, Pdf, sdnf, dat, step, iges etc)
- Mining Camp Infrastructure Feasibility, Layouts and Modifications



Location



Contact

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