

STRUCTURAL DESIGN AND DOCUMENTATION

What we do

SIE are specialist Structural Engineers providing services to the mining, ports and heavy industrial infrastructure sector. We use our structural knowledge and experience to provide our clients with superior technical and business orientated outcomes.

Structural design documentation is required to be prepared to satisfactorily and consistently convey the necessary information to a variety of persons involved in the fabrication, construction and maintenance of structures. The purpose of clear design processes and documentation is to achieve:

- Clear and consistent design criteria from the starting point of a project.
- Justifying calculations to adequately assess the compliance status of structural elements in accordance with the relevant standards and legislation.
- Clear drawings and specifications to convey the necessary information required for correct fabrication and construction.
- Clear and concise reports and correspondence to describe the key issues to client personnel.

When working with structures, use a specialist Structural Engineer

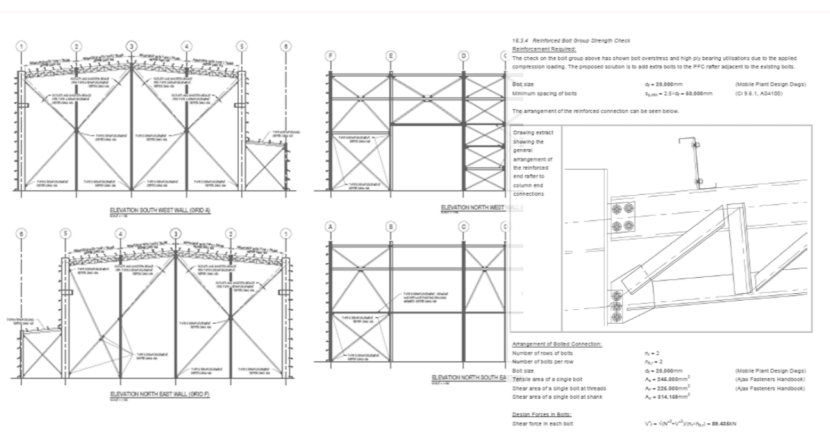
Benefits to our Clients

Our clients benefit from our structured design and documentation process by receiving clear, concise and targeted information that allows them to understand the requirements of a project, the criteria used for assessment and actions necessary for execution.

By use of contemporary and efficient tools such as structural analysis software, electronic calculation software, CAD drafting and modelling packages for the preparation of structural design documentation and a 100% electronic record keeping system, we provide the following benefits to our clients:

- Knowledge and participation in setting the design criteria for a project.
- Knowing that the compliance status of structural elements has been performed in accordance with the relevant standards and legislation.
- Being able to immediately utilise design drawings and specifications to provide the necessary information to their Contractors for fabrication and construction.
- Efficiently obtaining the key issues from the transmission of clear and concise reports.

Use the contact details below to find out how SIE can assist your business



Contact Details

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