QSS
QUIK SERIES

QUIK SERIES Software produces Computer Aided Engineering designs for Cold-Formed Steel framing construction, complete with engineering calculations and structural analysis.

With QUIK SERIES Software, you can design and engineer cold-formed steel wall framing, trusses and subfloors as well as steel roofs, cladding and flashings.

This advanced capability means material usage can be optimized to reduce engineering and construction costs and minimized the risk of design or construction hold-ups.

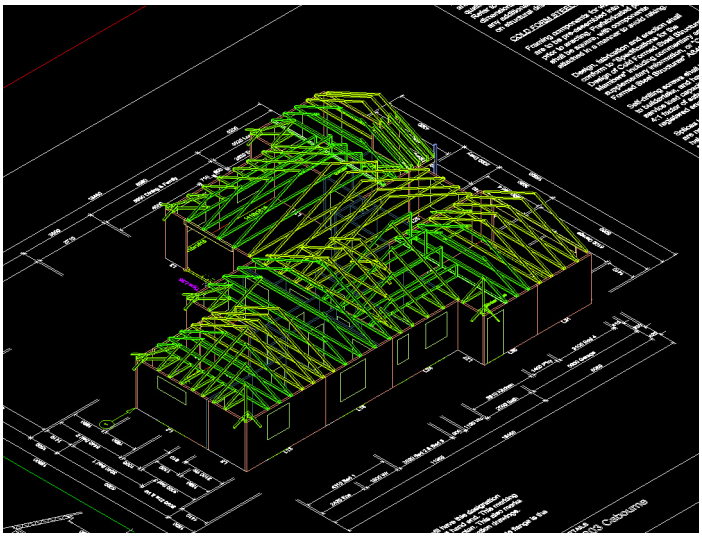
Features and Benefits

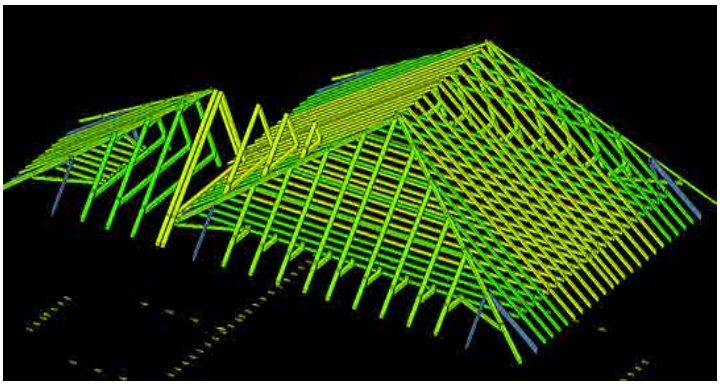
• Optimises Designs
Ensures the most efficient use of materials, without compromising structural integrity, resulting in reduced material costs, less waste and increased profitability.

• Environment and Weather Considerate
Allows you to design and engineer structures for a wide variety of environments and weather conditions (e.g. high wind zones or heavy snow loads).

• International Compliance
Complies with numerous international building standards and codes to help streamline local approval processes.

• Custom Documentation
Customised documentation service takes into account the steel section profile, steel grade, steel gauge and building environment, to provide local authorities with access to reference documents to facilitate speedy approvals.





Applications

Wall Framing
- Walls are laid out in plan format with all openings and bracings.
- Draw wall frames and beams in a 2D environment with 3D viewing available from the plan.
- Loads are transferred into the wall panels from upper floor or roof systems.
- Wind forces and bracing racking resistances are calculated.
- Windows, doors and other openings can be inserted from a large range of libraries. You can add more libraries if you wish to create your own.
- Utilities and routines are provided for inserting structural steel support beams and posts for often used profiles.
- When the wall frame layout is complete, the individual panels can be generated to provide detailed drawings.

Roof Trusses
- Draw the truss layout in 2D, 3D view is also available.
- Apply point loads and support points as desired for precise engineering requirements.
- When the roof truss layout is complete, the individual trusses can be generated to provide detailed drawings where they can be manually modified if required.
- Special tools allow the manipulation of roof trusses e.g. stop-ending or splitting.

Floor Joists
- Caters to many floor types, from simple purlin styles to webbed joist systems.
- Draw the floor layout in 2D, 3D viewing is also available.
- Special tools are available for manipulating floor layouts.
- Structural steel beams or posts can be added to enable hot rolled steel elements to be part of your plan.