

Case Study
Megalong Valley, NSW

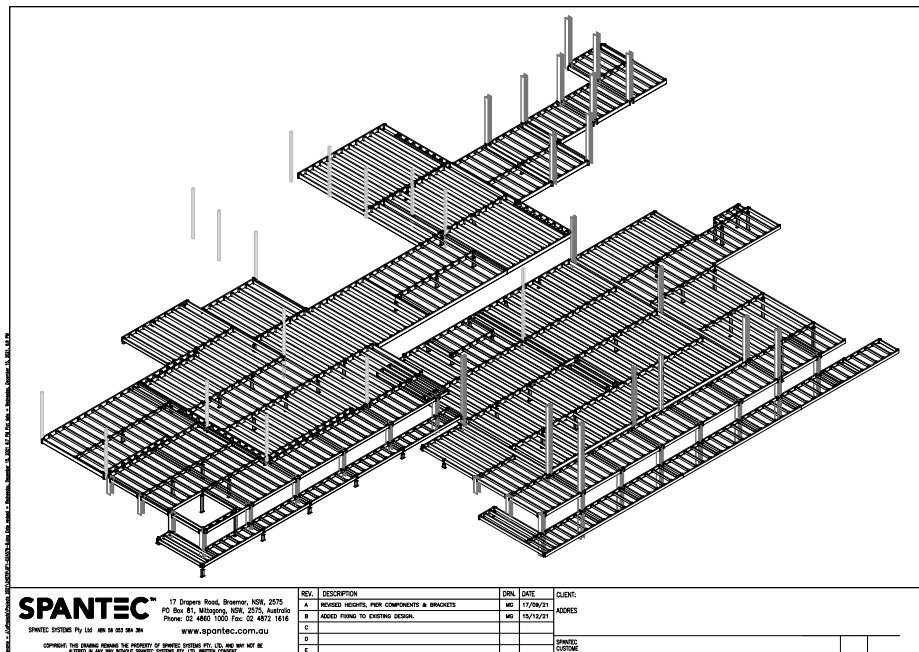
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Custom House

When Spantec were approached by Oliver, a renowned architect, and Ben from BD Carpentry & Building for their own house build we were excited to say the least. Reviewing the design in the initial stages it was evident that this house was going to be special. It was also evident that they did not want to compromise on the foundation below that was to support this incredible structure.

The house itself is designed in the spirit of agricultural sheds that dot the valleys of rural New South Wales. Elevated, the layout makes the most of the spectacular setting while sheltering it against the harsh westerly winds.

The external material selection has been sourced locally and designed to blend into the surrounding bush with a mixture of matte Colourbond

sheeting, corrugated Corten steel sheets that will weather overtime, spotted gum decking and a mixture of sand stock brick and sandstone blocks that echo the Blue Mountains iconic escarpments.

Internally, the centrepiece, a large open plan to maximise the incredible views, blackbutt flooring, 6-metre-high ceilings and a large fireplace are just a few of the highlights.

When the selection came to the flooring system, there were three critical areas, meet the client's budget, meet the design criteria and provide a steel system that was not only strong but simple to install.

The Spantec team provided an initial proposal that included not only the full costing but also a set of 3D estimate drawings so Ben

and Oliver could visualise the flooring system. Closely after we were appointed to design and supply the full floor and deck system. With such an expansive home there were a lot of design and engineering aspects that we had to take into consideration. Snow loading, split level connection detail, supporting a heavy kitchen bench, fireplace and spa were just a few of the critical areas. The end result, a happy client, we maintained a strong and simple system to install that didn't compromise on the rest of this amazing structure.

Key Benefits:

- The full kit system
- Design and engineering
- Ease of assembly

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