

Part of the Isaac Group

WDC HOKITIKA CENOTAPH STRENGTHENING

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Deconstruction

Deconstruction Started in April 2021.

While cleaning the Cenotaph, it was determent that it was unstable. The decision was made to deconstruct the Cenotaph to prevent it from collapsing.

All the marble was removed and taken to the Liddell yard for storage.

We then had to break out and remove the concrete base and prep the site for the new concrete base.





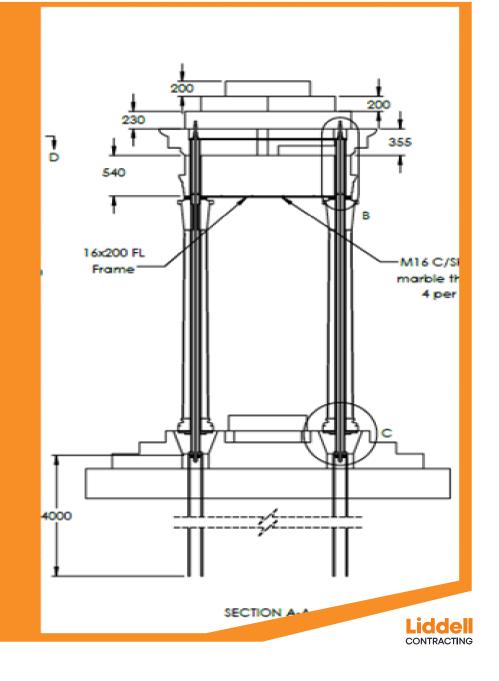


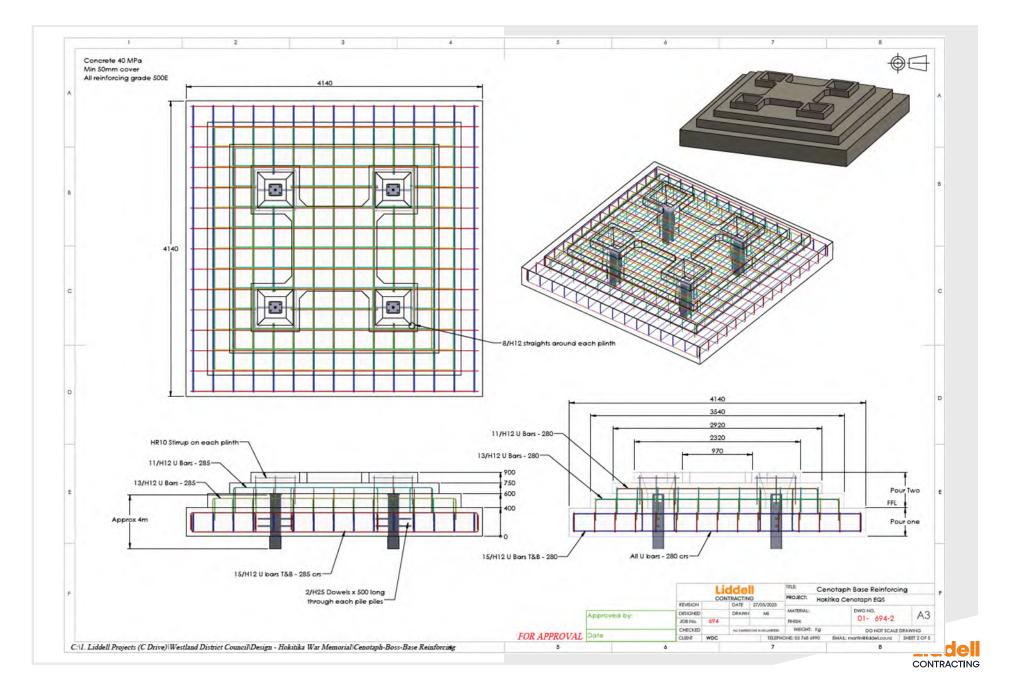


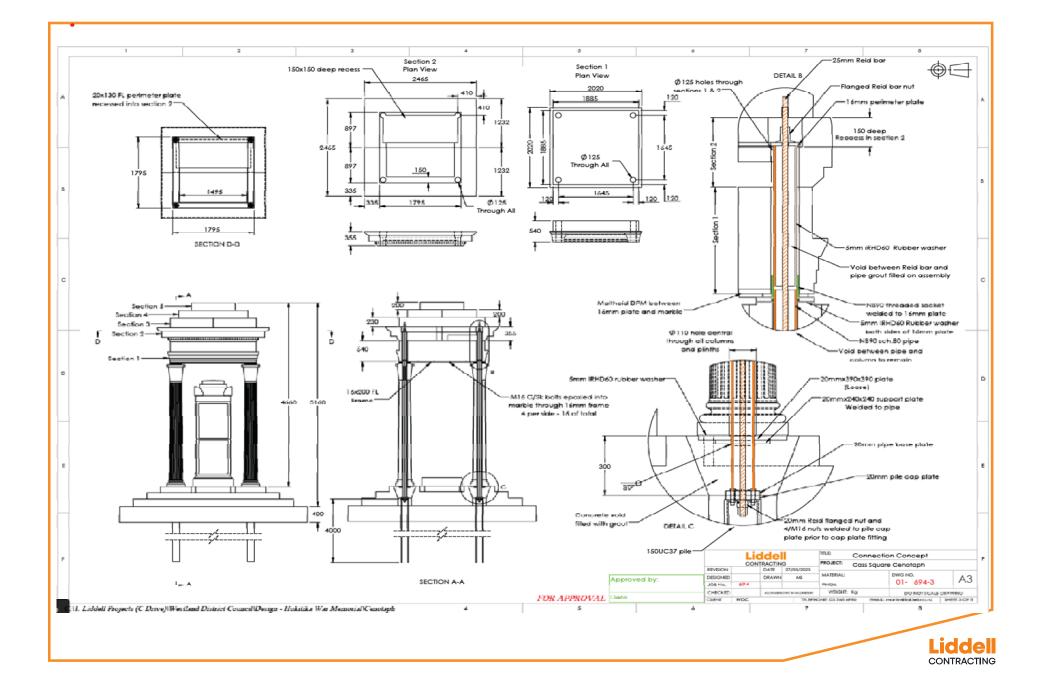
Designing the Solution

Because of the complexity of the structure and to help with a repair solution, we engaged John Mackenzie form Elmac Consulting to do the design work.

The PS1 for the new design was issued in March 2023.





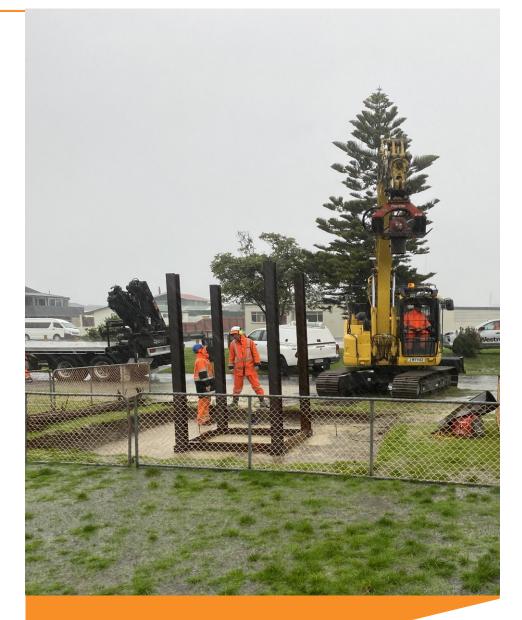


Constructing the New Base

After the design was finalised, we started with the construction of the base.

4 steel piles were driven into the ground. They were designed to take the full weight of the Cenotaph.

The piles were installed in April 2023.













Repair the Cenotaph Components and Reduce the Weight

There was quite a bit of damage to the different parts of the Cenotaph that had to be repaired.

This work was carried out by the stone mason.

We also had to reduce the weight. This was achieved by removing the centers from the top pieces. This work was also carried out by the stone mason.

















Re-erecting the Cenotaph

Once the Stone Mason has completed the work he had to do, we could start the re-erection of the Cenotaph.

This was most probably the easiest part of the rebuild because everything was designed and constructed to fit perfectly.

































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QUESTIONS