

Contributing to a New Youth Scout Den for Motutara Waimauku Scout Group



Recently, Simpson Strong-Tie New Zealand had the opportunity to help a local scouts club build a new den to accommodate their growing club. Learn more about how our product was essential in their rebuild project.

THE CHALLENGE

The Motutara Waimauku Scout Group, a nonprofit group located in West Auckland, is home to 80 Keas, Cubs, Scouts and Venturers and many enthusiastic leaders and volunteers. Their group is part of the Scouts Aotearoa who form the largest informal education institution in New Zealand, serving more than 13,000 young people all across the country. The WSG's purpose is to empower youth through adventurous experiences to lead lives that make a positive difference. They welcome all young people between the ages of 5-26 and are open to all genders, ethnicities and religions.



PROJECT INFORMATION

Project Category

Tension Tie & Holdown

Project Name

Motutara Waimauku Scout Group
Den Rebuild

Engineer

Sullivan Hall Chartered Engineer

Simpson Strong-Tie Products

HTTP Tension Tie & Holdown

Project Start Date

- September 2022

CHALLENGE

To rebuild the scout den after fire damage, the Waimauku Scout Group needs structural elements as part of a strong cross-bracing system for their rebuild project.

SOLUTION

Simpson Strong-Tie donated 32x HTTP heavy-duty tension ties (brackets) to secure the cross tie rods for their den.

RESULTS

It is great to see the HTTP bracket being used in a wide variety of applications wherever a heavy load is needed. We are very proud to be supporting an organization that gives back to the local community and our youth.

Simpson Strong-Tie® CASE STUDY

They have started the renovation of the fire damaged den which includes the replacement of 7 burnt trusses. This has now been completed and the next part is to attach the structural elements (cross bracing) using Simpson Strong-Tie HTT4 Tension Tie Brackets as specified by the engineer.

As a nonprofit group, WSG relies heavily on local and regional support to enable them to complete these projects, so they reached out to us directly.

THE SOLUTION

Their structural engineer had specified Simpson Strong-Tie HTT4 heavy-duty tension ties as part of a strong cross-bracing system for their rebuild project after fire damage. The manager, Wayne Napier contacted us to say they require 32 total brackets and wondered if Simpson Strong-Tie New Zealand would be able to help to complete the project. We were happy to donate the products and help them out.

We donated 32 HTT4 tension ties as requested. The HTT4 is designed for heavy duty holdown applications on single or double studs and offers a solution for resisting tension loads. These holdowns provide high-strength, post-pour, concrete-to-steel connections. The HTT4 is also suitable for residential and commercial projects, sub-diaphragm floors, seismic upgrades, and mid-floor vertical connection applications.



THE RESULTS

The scout group has now commenced the mammoth project of rebuilding the den to make it a space that the scouts and the community can be proud of. Structural work, replacing beams, and re-roofing are in progress. But there is still a huge amount to do — complete rewiring, plumbing, installing water tanks and septic systems, and painting, after which there will be the outdoor area, including the parking lot. They still have a long way to go and have a GoFundMe page to help raise needed money for the their new Scout den.

“We have finally managed to install the HTT4 brackets and secure the cross tie rods. The brackets specified by our structural engineer are designed to hold the walls in a so great looking solution.” said Wayne Napier.

It is great to see the HTT4 bracket being used in a wide variety of applications wherever a heavy load is needed. We are very proud to be supporting an organization that gives back to the local community and our youth.

**MORE
INFO**

Simpson Strong-Tie® New Zealand Ltd
Call **09 477 4440**

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