

techTALK

SUMMER EDITION 2021/22

ISSUE
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Read more on page 2 about the Selwyn Aquatic Centre Extension. Another timber solution for an aquatic environment.

Summer Techtalk

Let's celebrate! Summer is finally here, and we're looking forward to a well deserved break.

In this issue of Techtalk:

- Projects on the go
- Christmas Hours
- Podcast Series
- Staff Updates

Enjoy!

The Techlam Team

// A note from our MD

As 2021 comes to a close, we reflect on an unforgettable year which many of us will want to forget!

Lockdowns, with our Auckland friends staying put for more than 100 days, vaccine mandates which many have found tricky to navigate, and the general uncertainty across the business community have presented big challenges for many of us

Contrary to early predictions, the market's been buoyant and looks set to continue well into 2022. There's no room for complacency as we go forward as times can change quickly, and only those prepared to adapt quickly will survive.

We've continued to work with our longstanding clients and have welcomed many new ones into the Techlam fold. We're grateful and honoured to work alongside many industry professionals and consider it a privilege to be involved in such a dynamic and rapid growth industry. As environmental pressure is dialled up around the globe, Techlam is gearing up for some exciting sustainable mass timber projects in 2022 and beyond.

Big thanks to our suppliers, clients, partners and last but by no means least, the Techlam team for your support throughout this year. We close on Thursday the 23rd of December and are back on deck Monday 10th January. We wish you an enjoyable and well-earned break with family and friends.

Stay safe.

Brett Hamilton

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// Current Projects

Selwyn Aquatic Centre

Techlam prefabricated the 30m-long glulamined timber beams complete with pre-fitted steel connections and transported them to site in one piece ready for installation.

The Selwyn Aquatic Centre in Rolleston, Canterbury was recently expanded to better serve the needs of the fast-growing community. The extension created space for a 10-lane, 25 x 25m swimming pool, which alongside the existing leisure pool, learn-to-swim pool and hydrotherapy pool, results in a cutting-edge aquatic facility. The size of the extension meant smart structural timber solutions were needed, with Techlam tasked with providing 30m-long glulamined timber roof beams for the project.

"Techlam were used due to the size of the operation and their capabilities in delivering large

beams," says Kirill Makagon, Project Manager, Armitage Williams Construction. "They delivered beams that are 30m long by 1.4m wide, which were delivered in one piece on specialised trailers."

The beams were manufactured off-site with complex connections incorporated into the timber. To achieve this, Techlam worked closely with steel fabricator, VIP Steel. "There was a lot of collaboration between Techlam and the steelwork fabricator who were sending components from Christchurch to be incorporated into the timberwork at the Techlam factory in Levin," explains Kirill. "It was a smooth process for us to oversee as a main contractor."

"There's obviously a time saving factor for us to be able to continue with construction and have these units made off-site," says Kirill. Using prefabricated elements ensured close control of the construction programme, with the beams and other glulam components delivered only when the site was ready. As connections had already been pre-fit offsite,

installation was swift, resulting in time and cost savings.

Support from the Techlam team from specification through to construction helped the project run smoothly. "Techlam were just fantastic," says Kirill. "There was good communication and they provided solutions to any sort of issues we came across. As a main contractor, they're a great team to work with."

Feedback from Selwyn District Council and the public has been overwhelmingly positive, with the roof beams not only ticking the box for functionality but also aesthetics, bringing the natural warmth of timber to the facility. "The Selwyn District council are absolutely happy with the new facility," says Kirill.

The final result is testament to the collaboration of all parties — architects Warren and Mahoney, engineers Holmes Consulting, main contractor Armitage Williams, and the teams at VIP Steel and Techlam — who together were able to deliver a stunning state-of-the-art facility.



Pure Pods

Unforgettable New Zealand Experiences,

Techlam are proud to have supplied glulam to some new Pure Pods. Providing an unforgettable experience sustainably and equally luxurious. Our glulam product has been utilised for additional pod structures. The new pods are being fully prefabricated by the Pure Pod team before being shipped to their final sites. A unique and innovative way to experience the beautiful landscapes and nature our country has to offer. We'll have more updates once they are complete.



Te Awa Cycleway Truss Bridge

Kier Landscaping have done an awesome job on site.

This truss bridge located in the Waikato region was fully prefabricated in our plant and shipped to site ready to put together. With a lot of lifting needed to get the product in place, having the glulam & steel hardware ready to go made for a seamless process. The bridge is not quite ready to ride, but we look forward to seeing the final project come together in the new year.

The structure is making up part of the Te Awa Cycleway. A huge amount of work is being done on the cycleway at the moment to complete the Cambridge to Hamilton section of the trail. It will be worth the wait!



// Techlam News



WoodWorks Podcast ▴

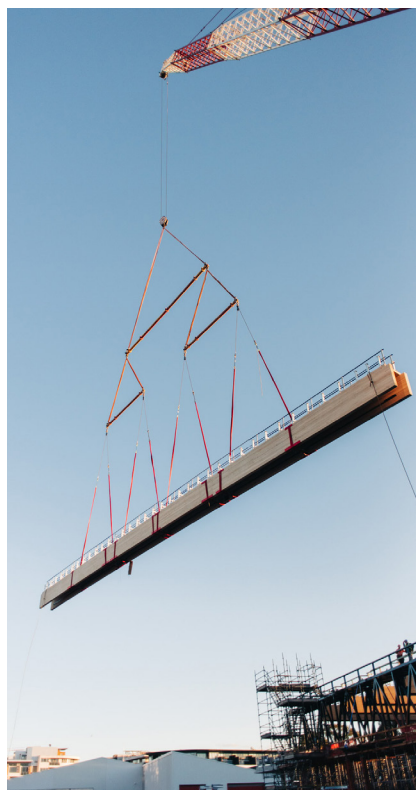
Listen to a recent podcast with our Managing Director, Brett Hamilton.

Introducing the first episode in a new series from WoodWorks. Episode 1 reviews Techlam's involvement in the recent CLT Plant in Rotorua, and how we can adopt mass timber more in New Zealand construction. [Listen here.](#)

We're 29! ▴

Let's celebrate 29 years of quality glulam product.

We've just passed another birthday, and don't things just get better with age? We think so. because in the last 29 years, we've seen some phenomenal projects head out the door. All thanks to our amazing team, some have been with us for the whole journey through, and others are just beginning. Regardless, we'd be lost without them, they are the ones who make it happen. Here's to many years more of mass timber construction, and providing healthier structures around the Pacific & wider.



Collaboration for the Greater Good ▴

Being involved in design decisions right from the beginning of a construction project offers advantages for all stakeholders—building owners, architects, engineers, project managers, contractors.

Read our latest article on ArchiPro, which highlights the benefits of early contractor involvement in projects to help eliminate issues on the fly and create a seamless process.

[Read it HERE.](#)

// Staff Updates



Techlamiversaries

In the last few months we've celebrated 10 Techlam anniversaries. Congratulations to all who have passed 1 year or more! It's great to have you on our team. Here's to many more years with Gilbert, Nathan, Nicole, Nic, Dianne, Dylan, Tuainuku, Jason, Shane & Kieran all making Techlam a great place to work.



New Team Members

Let's welcome to the team, Karla McGowan, our new Customer Service Representative, and Malachi Paul on our Glue and Press team. These 2 new staff members are making a huge difference already and sharing the load within their teams.

We're currently hiring, so get in touch if you want to find out more.