

## Our Team

The team at 4D Steel Detailing is highly energetic, innovative and experienced in meeting the demanding needs of the engineering industry.



Certificate of Recognition for dedication to and innovation in Human Resources

## Our Services

- Steel Detailing Services
- Shop Drawings
- Reporting and Material Lists
- Links to Analysis/Design Software
- Interfaces to Management Information Systems
- Links to CNC Machinery
- International Services. We provide steel detailing services to clients throughout the world - fabricators, construction companies, engineers and steel detailing firms.



## Where to from here?

If you are interested in pursuing a Cadetship with 4D Steel Detailing Limited, please provide the following:

- ⇒ An application letter (1 page).
- ⇒ A completed and signed pre-application form.
- ⇒ A copy of your CV.

Send these details to the address provided below or email them to —[admin@steel-detailing.com](mailto:admin@steel-detailing.com)

Please visit our website for more information on 4D — [www.steel-detailing.com](http://www.steel-detailing.com)



Brickell Financial Center  
**Client:** Southern Steel  
**Tons:** 4020

## Contact us

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Luke Thomson, Branch Manager  
Christchurch  
[luket@steel-detailing.com](mailto:luket@steel-detailing.com)

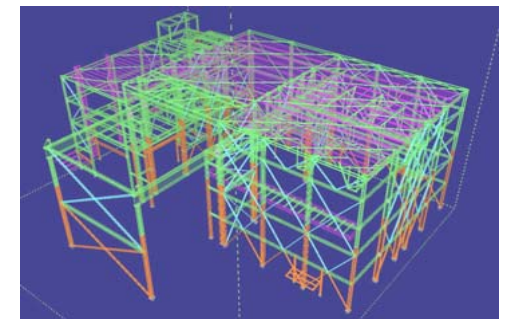


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# STEEL DETAILING



Phone: (03) 377 5880

# Profile

4D Steel Detailing is a privately owned New Zealand company based in Christchurch. Since its inception in February 1995, 4D Steel Detailing has become a significant force within the steel detailing industry providing specialist steel detailing services to the engineering and construction industry. Our core business is currently focused on servicing an international client list based wholly in the USA.

Our jobs focus on large scale steel constructions in the range of 500 to 13,000 tonnes with a growing specialty in larger work. The large scale scope of our work means that we have identified our niche in the USA market.

We utilize a fully computerized detailing system known as Tekla Structures Steel Detailing—formally known as XSteel. Tekla Structures is an advanced comprehensive 3D solid modeling system for detailing structural steelwork.

Using this specialized software our detailers create a 3D model of the complete steel structure including all relevant information required for ordering, fabrication and erection.

## OUR VISION

To be a global leader – the client's first choice – in the steel detailing industry.

Winners of The Skellerup  
Canterbury Exporter of the  
Year Award for 2007



## What the 4D Steel Detailer Cadetship can

1. Completion of specified papers towards the “SCNZ Diploma in Structural Steel Detailing” (details yet to be finalised). Please visit the Steel Construction New Zealand website for more information on a career in steel detailing —<http://www.scnz.org/careers/steelwork-detailing>.
2. All required papers are to be completed as a part time study at the Christchurch Polytechnic (or alternate provider if necessary) in Years 1—3 of the Cadetship.
3. Training on Tekla Structures detailing system will be provided in-house at 4D.
4. Steel Detailing training based on American Institute of Steel Construction/National Institute of Steel Detailing (AISC/NISD) will also be provided in-house. Cadets will be expected to gain an in-depth knowledge and understanding of the AISC ASD/LRFD Design Manual and the AISC/NISD Detailing Manual.
5. Additional training on Tekla Structures will be provided during the first 12 months of your cadetship. This two-week course is provided by Pacific Computing and is held in Brisbane, Australia. Airfares and accommodation will be provided by 4D.

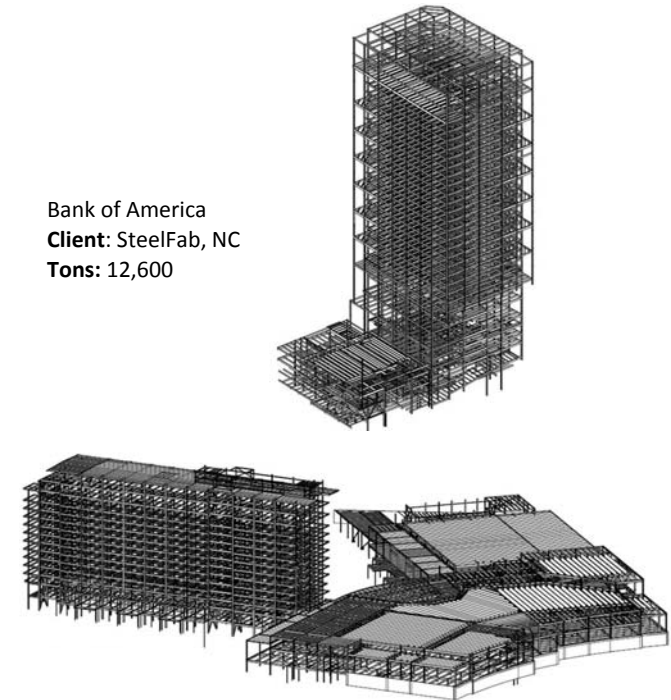
The 4D Steel Detailer Cadetship will be considered complete following the successful completion of all of the above.

4D will undertake to pay, in full, all course and course material fees for all papers passed during each year of study—*if any course is not successfully completed, resitting will be at the cadets cost.*

Other Benefits provided to all 4D employees:

- ⇒ Life Insurance
- ⇒ Health Insurance
- ⇒ Car parking
- ⇒ Monthly social club activities
- ⇒ A great working environment.

## Isometric Drawings of two of our Projects



Bank of America  
**Client:** SteelFab, NC  
**Tons:** 12,600

Casino Arizona Resort  
**Client:** Schuff Steel Company; **Tons:** 6300

## Industry Associations

