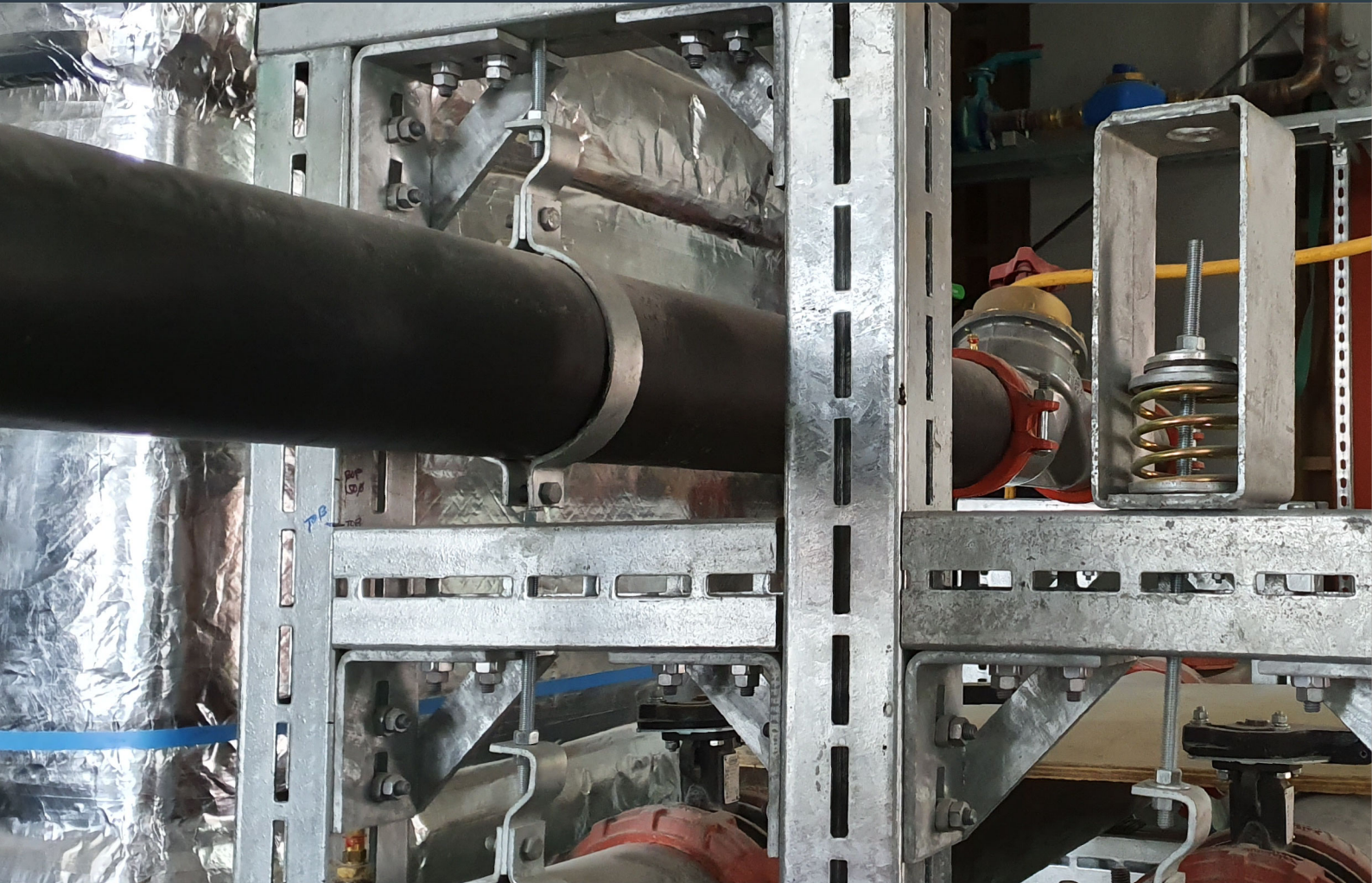


## MODFRAME FROM **FDG**



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### **FDG BRINGS YOU MODFRAME**

ModFrame is FDG's Innovative Modular Framing system for heavy-duty applications. Ideal for supporting heavy pipework, HVAC equipment, large ducts and cable ladders, all with no welding!



FDG's ModFrame System is ideally suited to supporting, heavy pipework, HVAC Equipment, large ducts and cable ladders. This high quality, German manufactured system has been extensively used on projects throughout NZ and the world. Fixed together using a system of unique modular components and fastened together with a patented T-bolt, ModFrame is an easy yet effective alternative to welded systems. ModFrame is bringing flexibility and efficiency to the construction industry and is becoming the new norm as a replacement for traditional costly welded frames.

### The Major advantages of ModFrame are as follows:

- Eliminates the need for welding, drilling and galvanizing
- Gain up to 60% time savings & significantly reduced material weights.
- A standard range of system components are stocked and readily available.
- All components are Hot Dipped Galvanized.
- Its modular nature means site modifications are easily completed.
- Frames, supports and modules can be designed by the internal FDG Team to be fully compliant with AS/NZ 4219: 2009.

FDG offers an engineering and design service for any frames or heavy-duty supports you require throughout your project. We will work together to co-ordinate your design and help you complete your project on-time and on budget. A full engineering report will be supplied along with a package of layout drawings and a comprehensive bill-of-materials. Engineering data and CAD files are available upon request from the FDG Team, who can assist your internal teams with design in the early stages.



## Modframe Case Study

Excel Refrigeration and Air-conditioning Limited is a 100% New Zealand owned and operated company, servicing the North Island with 11 offices.

Excel specialises in commercial and industrial refrigeration systems along with ventilation and air-conditioning for commercial premises. Excel is supported by a network of local and international suppliers, and as one of their suppliers FDG had the privilege of working with them on a recent project for FruPak Cool Stores in Hastings.

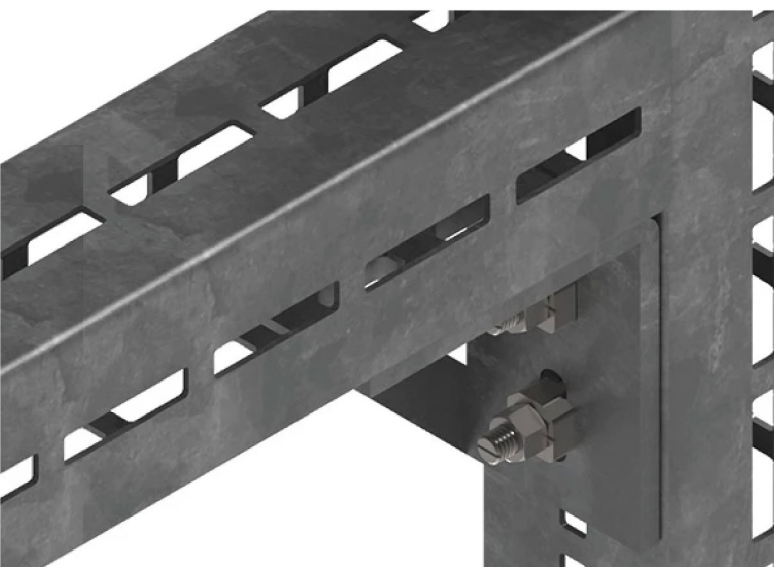
The objective of the project was to run air conditioning and ventilation services to the new chiller between the existing building and the proposed new extension.

### Customer Challenges:

- Project had added time pressures
- Significant space restrictions
- Complication of combining an old building & new extension
- Looking for innovative solutions to space & time challenges
- A requirement for reliable suppliers

### FDG Solutions:

- Tailored design work for a restricted space
- Our modular framing system, ModFrame, that supports pipes and services ideal for restricted space
- Quick install product that gave Excel confidence to complete on time
- Modular framing that allowed multiple services across one structure was no problem
- Component-based assembly of ModFrame allowing for unique framing shapes





“We were initially hesitant to use ModFrame given we had never seen anything like it in the market before, but after use on one project we will never return to traditional welded frames. It cut overall costs by over 50% due to its endless flexibility and huge time saving advantages when installing on site”

Foreman - Axis Plumbing NZ



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