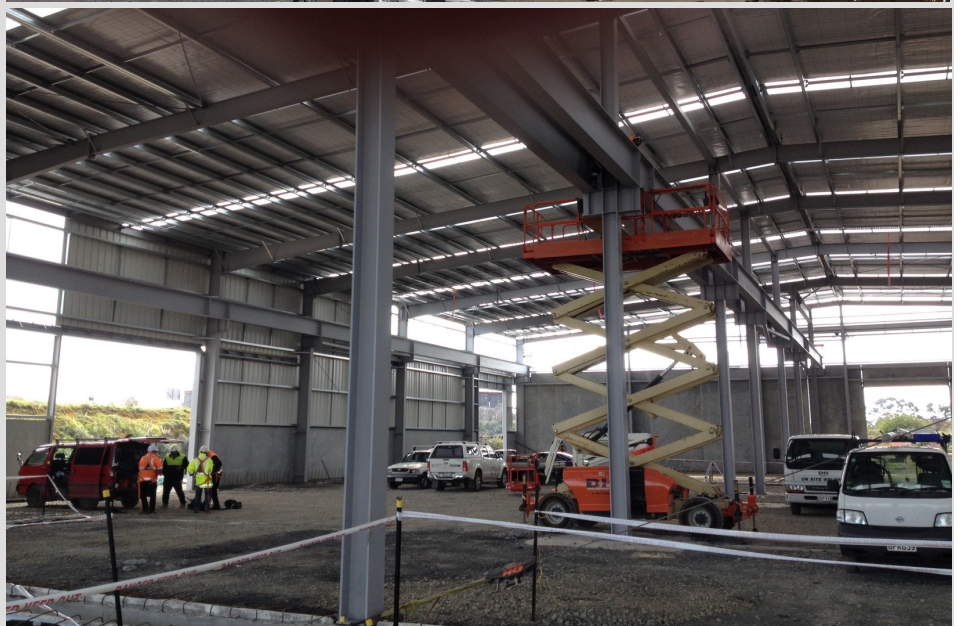


## "This project has run well from the start."

That's the view of Haydn & Rollett's Site Manager, Craig McGuigan. He adds: "D&H Steel achieved great success up front under tight time-frames to get the structure detailed, fabricated and delivered to the Otahuhu site. The install, led by D&H Steel's Eric Birch, has run smoothly and on programme."

Two D&H Steel detailers worked on this project: Wayne Peachey and Guy Jamison. Says Guy: "We'd like to acknowledge the architect Joseph Bashouri of Woodhams Meikle Zhan (WMZ) and engineer Quiggy Ho of MSC Consulting. Our job was made a whole lot easier by their coming to the party. Having all the information we need at our fingertips makes our work easier and faster." Wayne adds: "We also run efficiently thanks to good procedures put in place by D&H Steel management."

### New Plant for Steel & Tube



## Another example of good teamwork



### New Mainfreight Depot

#### Mainfreight's Branding

*All steel was blasted and primer-coated with Intergard 251 75 microns. A top-coat of Interthane 990 75 microns was applied in Mainfreight Blue.*

*All exterior exposed steel was given a Hot Zinc Spray 100 microns for corrosion protection before final painting.*

The new Mainfreight Depot on Westney Rd, Otahuhu, has also been designed by MSC Consulting and built by Dominion Construction. Its Project Manager, Murray Gibson, says: "A simple structure of custom welded beam portal frames went well because of the pre-planning done with D&H Steel."

Our new steel detailer, David Haines (below left), agrees. "I enjoyed some excellent teamwork with WMZ and MSC, which is always welcome, because the detailer's responsibility has increased in modern steel construction. Unlike the architects and the engineers, we have to know every detail. So there is real stress and intensity when you realise that one mistake can cost D&H Steel dollars. Good teamwork helps one to accept the responsibility of having the buck stop with me."

*Also in this issue: U of A Newmarket Campus—a matrix of steel delivered with value engineering. . . The certificates that make D&H Steel smile. . . An overview of a Steel & Tube project from one of our Quantity Surveyors. . . What does it take to strengthen a building without hassles? . . . And a tribute to a long-serving D&H employee. . .*

# Value Engineering for U of A Newmarket Campus



**“With Auckland’s War Memorial Museum in the background, this upgrade was all about a matrix of steel delivered with D&H Value Engineering.”**  
**Colin Ross**  
**Project Manager**

“The Engineering campus was a fast-track programme necessitating that the 40 men we had on site most of the time were constantly jumping to and from key focus points. The flue-towers were all pre-assembled on site into D&H frames, which were hoisted and installed with no scaffolding. We made about 90 tonnes of steel seismic frames, installed mezzanine floors, canopies, a water tank feature, fitted pop-up roofs for natural lighting and strengthened some existing walls as well as under-floors. Often because of the position of existing buildings we were obliged to lift and fit steel without cranes, but our versatility and flexibility enabled us to manage all the complexity and meet the Hawkins Construction deadline.”



*Crane rails for tanks were installed from the floor*



*Pop-up roofs provide natural light*



*Hanging Steel becomes essential*



*D&H Steel maintained flexibility*

## D&H Steel has a few certificates to smile about

A grinning Workshop Manager, Rob Purchase (right), is happy with the new certificate above his desk. It is the ACC Workshop Safety Management Practices (WSMP) certificate awarded to D&H Steel at Tertiary level. The audit by which it was awarded covers work-place hazard identification, accident recording and reporting, emergency procedures, and it includes management and employee focus group sessions and a work-site observation walk around to verify that the employer’s health & safety systems are working in practice. Says Rob: “What makes me happy is that WSMP is something we’re very good at.”



Now that the International Institute of Welding has recognised HERA as an Authorised National Body for Companies Certification (ANBCC), HERA presented D&H Steel (see below) with

New Zealand’s first certification to ISO 3834. General Manager Wayne Carson and Operations Manager Dean Pouwhare display the award. Beside Wayne Heath Johnston, our Welding Supervisor (third from lower right) was awarded his certificate as an International Welding Inspector.



**“ISO 3834 gives D&H Steel Construction’s clients the assurance that our steel and welding meet the performance standards now required in New Zealand’s buildings.”**

**Wayne Carson—General Manager**

# The Metroglass Project Goes Well



A new plant for Metroglass now graces Lady Fisher Drive in Highbrook, East Tamaki. D&H Steel went on site on March 3, completing the structural steel programme by June 25. Working from a design by MSC Consulting, two of our

steel detailers, Sue Lemmens and Guy Jamieson, quickly produced the drawings that got fabrication underway and steel deliveries to the site. Federal Construction's Project Manager, Richard de Groot, was impressed: "D&H Steel Construction are always a professional crew, and they make sure their steel is right before they bring it on site, so the erection went smoothly."

One of the key features of the Metroglass project is the Blower Room (above centre). The steel structure extends through the roof and is attached to three of the roof

rafters. Although only some 200m<sup>2</sup>, its concrete floor and walls make it heavy and the steel roof frames were strengthened accordingly. The Blower Room encloses furnace fans from Finland. These are international best class and feed air into three glass tempering furnaces.

Metroglass's Project Manager, Paul Rae, says the new plant will serve the top half of the North Island. "We're gearing up to meet the seven year high in building consents. The East Tamaki plant will be in production come the new year. Steel tonnage 380 and perfect timing."

## We're steel strengthening for Jones Lang LaSalle

In all steel strengthening projects, there are the usual challenges: the availability of cranes, the risk of damage to existing services, night work. This was necessary at Eden Business Park on Normanby Rd because the tenants' normal business routines were to continue uninterrupted. We mitigated noise. All the basement steel had to be manhandled

around ducting and pipes, while the atrium steel had to be installed directly under an existing gutter. But when it came to strengthening the roofing steel, D&H Steel preassembled it on the ground for lifting into place in sections. Our rigger, Mark Lewis (below right), had a smile on his face that day—crane and sunshine were both available.

Brian Natta is Aspec Construction Ltd's Project Manager, Interiors Division. "This was the first time I'd worked with D&H Steel whose people really impressed me with their efficiency and professionalism. They went out of their way to help, and it's rare to find that in the Auckland market. Most subcontractors don't have that attitude towards the main contractor. As I came to realise, D&H Steel is very like Aspec Construction Ltd in that both are "family orientated" and have kept many of their employees for many years."

Having completed this project safely and on time, D&H Steel's Site Supervisor Brett Carroll is looking forward to starting Eden Commercial 4.



*"Eden Commercial 4 will be much the same—only bigger."  
Brett Carroll (left)  
D&H Steel Site Supervisor*





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**Dean Pouwhare**  
Operations Manager  
**Rob Purchase**  
Workshop Super-  
visor  
**Mike Thompson**  
Detailing Manager  
**Colin Ross**  
Project Manager  
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## A Tribute to the late Laurie Leefe



*Left to right: Front row—Abishek Naidu, Sagar Sharma, Laurie Leefe, Keneti Soonalole, Carlos Indo; Second row—Suresh Kumar, Melven Sen, Rod Allen, George Leefe, Andy Milne, Heath Johnston; Top—Vince Naime, Isaac Thompson, Arvind Naidu.*

The late Laurie Leefe in full orange overall joined members of the D&H Steel team of welders to celebrate the company's award of the AS/NZ ISO 3834 quality assurance certification. His son George took his place third from the right in Row two. On the day this photograph was taken, the father and son had combined service of 72 years with the company. Laurie's total was 42 years.

He was buried 16 June 2014 at Waikumete Cemetery, Waitakere. He'd joined the company on 15 June 1972, following three years with Bob Haddon Ltd. Bob says, "From day one Laurie pulled his weight and quickly earned respect in all phases of steelwork. He could be a hard taskmaster, but he was excellent at training apprentices. He'd identify their strengths and helped them build their skills.

"Beneath his dignified demeanour, there was a great sense of humour, and Laurie's love of a good practical joke gave us manys a laugh. Laurie always maintained the highest of work standards. I thought he was a wonderful human being."

His son, George Leefe, joined D&H Steel on 15 May 1984, which gives him 30 years' service already. "My father had led by example, so he was very pleased. Dad taught me his own work ethic, that you should put in the work before you can take out. I understood from the start that I was at D&H Steel to do my job; rewards could come later.

"Dad treated everyone the same. Sometimes it seemed he was as much a father to the other workers as he was to me. He had an open mind, an open heart. There are days when I can almost feel he's still here in the workshop, still watching me and my workmates, men he and I accept as our second family. I'm happy because every good performance gives us deep satisfaction – a belief I'm proud to say my father held and shared."

Mike Sullivan, D&H Steel's Managing Director, adds his thoughts: "I enjoyed talking with Laurie whether it be League, Rugby or work. I always marvelled at the way he was able to sort all the steel dumped outside his door, get it blasted, painted and despatched to site with no fuss. But he called a spade a spade and wasn't shy about telling management how it was performing. Laurie used to tell us: 'Go to work or go home'. He will be forever missed but not forgotten."