

Out with the old: in with the new



As part of the Auckland Rail Electrification Works, the up-grading of the Orakei Station Footbridge was not a major project for D&H Steel, providing it all went to plan. The railway lines were to close at 0600 on Friday April 6 and re-open at 2100 on Monday April 9. To make sure the plan foresaw all of the requirements, the D&H Project Manager, the Detailing Manager and other company personnel made several site visits, checking on which existing steel members were to be replaced and where exactly the new steel was to fit with the old.

“By the time I put the first lines on my screen,” says Detailer Wayne Peachey (see also p.4), “I had a comprehensive picture in my head of what the Architect and the Engineer wanted, as well as the fabricators in the D&H workshop. My drawings were to communicate this in a way that other sub-contractors could use for their contribution to the project.”

Some of the work was done at night to make sure all was completed during the window of opportunity. D&H Site Manager Dean Pouwhare said that in addition to enhanced structural capacity, the footbridge has

been raised to the appropriate clearance standards prior to electrification, scheduled to take place in 2013.



One of the electrical isolation joints fitted in preparation for next year.

Health & Safety is part of the D&H Culture

In our previous issue, one of our rigging teams was praised by Naylor Love Construction Ltd for Excellence in Site Safety on a Naylor Love site. It's happened again!

“We are pleased to inform you that your company performed very well in Health & Safety and is in our top three sub-contractors on site. Please keep up this good effort going forward.”

Steve Walker
Project Manager
Naylor Love Construction

(contd p2)

Health & Safety Permeates the D&H Culture (contd)



In addition to PPE, D&H has several innovations to further protect the health of work-shop employees.

Left: articulated welding fume extraction booms keep air quality at a high level

Right: an overhead walkway enables safe gantry crane transfer of product the entire length of the plant without endangering employees working below.

Left: An underfloor paint fume extraction system minimises spray drift.

Right: Load-out docks are level with the height of truck decks to make the steel handling safer.

"As a modern, steel fabrication plant, we've integrated Health & Safety at every stage of our production process."

Dave Gulland—Works Manager



Safety Audit Score: 100%



New ASB Branch at Lincoln Rd, Henderson



Site Safe conducted a snap audit at this site and the D&H rigging team came through with flying colours. Instead of the usual 48 hours' notice, Site Safe announced that they were going to arrive within two hours. Contracts Manager for Clearwater Construction Stuart McClatchy wrote to D&H General Manager Wayne Carson:

"We were the main contractor on site and couldn't be faulted on any of our documentation or the way that we were going about the works. Please pass on our thanks to Kevin Deane and the D&H steel erectors for their efforts in keeping their safety standards at such a high level.

"We actually scored 100% on this Site Safe audit—and that's almost unheard of!"

Left: General Manager Wayne Carson goes on site to congratulate the riggers. Kevin Deane was unavailable, so Manu Siasau stood in for him, watched by Henry Taimovai (top left) and Shepherd Wilson.

"Putting Health & Safety first is not just something you do only if you know an audit is coming up," says Wayne. "These men do it on every project, every day, and D&H is proud of them!"

Naylor Love picks D&H Steel For retail development projects



At 100 Pah Rd, Royal Oak, the new Warehouse Ltd store and an adjacent retail building total 7,500m². The store entrance and retail frontages face northward, giving a warm aspect to the shops and sheltering them from the prevailing south-westerlies.

Naylor Love's Site Manager Jamie Gibson says the construction programme has gone extremely well. "Thanks to D&H, we maintained good progress and will be handing over to the Warehouse eight weeks ahead of the original schedule. Mind you, there wasn't much to challenge D&H, apart from adjustments to the lay-

out of the garden centre, which they incorporated without any changes to the main structure. Once again, we're very happy with D&H's performance and regard them as one of our strategic partners in the retail sector."

For the final stage of The Warehouse Ltd's development at Silverdale, Naylor Love again subcontracted the steelwork fabrication and erection of the Countdown building to D&H. "As soon as the hard-fill was level, our riggers lost no time in assembling bays on the ground and lifting them to roof height," says D&H Site Manager Kevin Deane. Three, stepped canopies, including one

for the central entrance, extend the length of the building. "These project 7m from the front edge," explains Kevin, "partly to provide cover for a ramp giving disabled people easy access to the car park. The canopy rafters are large 250 x 150 RHSs and the purlins are also RHSs (150 x 75). The canopies have been given a smooth box finish, necessitating on-site welding. In addition to a fire egress, there is a lift giving customers access right inside the store.

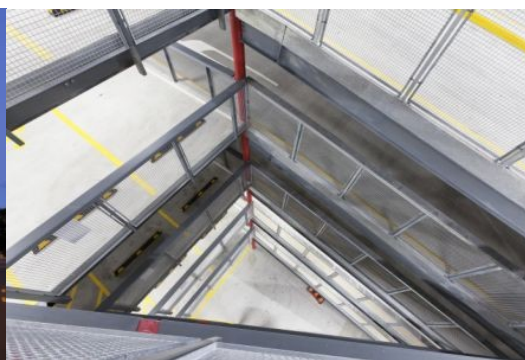
"As for safety on site, it's as if Naylor Love and D&H have identical standards. In practice we are equally tough!"



The ADHB Car Park—Functional Aesthetics

The Car Park at Auckland City Hospital reminds people passing it that essential, unpretentious buildings need not be a blot on our urban land-

scape. As these photographs by Christophe Hoessly show, even the interior is visually appealing. Architecture by Ignite; structural steel by D&H.





**'Experience
Our Strength'**

Project Management
3-D & Shop Drawings
Fabrication
Protective Coatings
Site Management &
Erection
Innovation

D&H Steel
Construction Ltd, 42
Brick St, Henderson
0610, Waitakere, NZ
PO Box 104257,
Lincoln Road,
Henderson 0654,
Waitakere, NZ
Ph: 09 839 7250
Fax: 09 836 7169

www.dhsteel.co.nz

Key D&H People:

Mike Sullivan
Managing Director
Wayne Carson
General Manager
Dave Gulland
Workshop Manager
Rod McIntyre
Commercial Manager
Mike Thompson
Detailing Manager
John Frederickson
Custom Welded
Beams
Tony Smith
Chief Estimator
Dean Pouwhare
Site Manager
Adele Hikuroa
Accounts
Kevin Thomas
Purchasing Officer
Megan Aitken
Document Controller
Colin Ross
Project Manager

**For enquiries, call
09 839 7250**

Pricing

Tony—ext. 206
Custom Welded
Beams

John—ext. 219
Metalwork

Colin—ext. 237
General

Wayne—ext. 205

They will be degree engineers shortly

In their final year of an Engineering Degree, University of Auckland Students take time out to visit the D&H plant (right). Project Manager Colin Ross leads



Professor Charles Clifton and some of his charges along the viewing platform. A site visit (left) showed the students various steel design options.

D&H Appoints New Works Manager

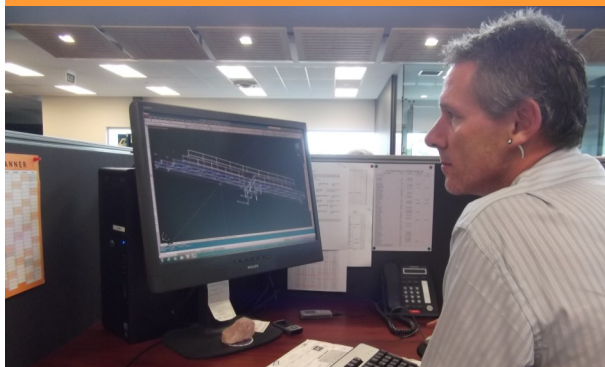
Dave Gulland takes over as Works Manager from Jim Denham and brings a fresh focus on customer satisfaction. He meets with his management team every day at 11.00am. "Actually, it's a dual focus and includes the welfare and health & safety of the people in our shop. Jim did a great job putting the formal procedures in place. My intention is to add to this by ensuring that the way we go about our work streamlines processes and prevents employees from working long hours and



Left to right: Dave Gulland, Works Manager; Heath Johnston, Welding Supervisor; Rajeev Madam, Coatings & Dispatch Coordinator; "Happy" Kumar, Parts Production Supervisor; Yakub Kadir, Fabrication Supervisor

getting tired. It's my experience that people are more productive when they feel safe, comfortable and happy." In addition to two adult children, Dave and his wife Sonia have Hannah (student) and Ryan (schoolboy). For recreation? "Anything to do with boating, skiing and, of course, fishing."

Wayne Peackey—Detailer, Cyclist, Kite-flyer



"I started with sweeping the shop floor, spent 15 years fabricating and erecting steel up to shop and site foreman positions, two years pricing and project management, three years managing a structural steel workshop, and now have six years with D&H as a

structural steel detailer. I understand the needs of the client as well as the needs of the fabricator.

"As a single parent with three children, I have benefited from D&H's vision and interest in the well-being of its employees. It builds confidence and strength amongst our team. I'm a trained and active mentor for Project K, a school programme that encourages self-efficacy in young people. I cycle to and from work every day (50kms round trip), plan to solo from Cape Reinga to the Bluff, and have a passion for kites and harnessing the energy of the wind."