

CONNECTIONS

D&H STEEL PEOPLE + PROJECTS

+ PERFORMANCE



IN THIS ISSUE

ESI GATHERS PACE

HIGH-END IN HUAPAI

EMIRATES TEAM
NEW ZEALAND BASE

PUTTING A WRAP
ON RETAIL

WATERFRONT HOTEL
STEEL INSTALLED

NEW BRIDGE FOR
CYCLONE-DAMAGED
COUNTRY CLUB

ESI GATHERS PACE

The procurement strategy has a massive role to play in the outcome of any construction project.

Depending on the approach, it can drive budgets up or down, and cut or add weeks to delivery programmes. So, D&H Steel is encouraged to see the mounting interest in and uptake of the early subcontractor involvement (ESI) procurement model.

D&H Steel has been strongly advocating the ESI approach in New Zealand. "We've been promoting ESI in our jobs for 11 years," says D&H Steel General Manager Wayne Carson. "In our experience, ESI delivers projects that carry much less risk, enjoy fewer variations and are typically much better planned.

"From the get-go, the ESI approach allows us to add real value by collaborating on the design with the

structural engineer, architect and quantity surveyor."

As a team, we explore buildability, timeframes and risk to achieve the best result for the project," says Carson. "It sits in stark contrast to the traditional tender process, which simply doesn't capture the deep knowledge of the specialist subcontractors and, too often, discussions on risk allocation are reserved until final pre-let negotiations."

RAISING THE BAR

D&H's ESI approach dovetails with the Construction Sector Accord, a joint government-industry initiative designed to achieve a high-performing construction sector. The Accord is in part a result of the work Steel Construction NZ (SCNZ) has been doing with the Ministry of Business, Innovation and Employment (MBIE).

Continued inside

BREAKING NEWS

D&H Steel wins 2019 SCNZ Supreme Award for Excellence in Steel Construction for its work on the AIAL International Departures Terminal redevelopment.



STEEL CONSTRUCTION

Continued from Page 1

As Chair of SCNZ, Carson was part of the SCNZ team that participated in two highly strategic sessions with MBIE to workshop procurement rules and compliance.

The Accord's focus is on increasing productivity, raising capability, improving resilience and, importantly, restoring confidence, pride and reputation in the sector. Guiding the activity are four key principles: building trusting relationships, being bold, valuing people and acting with collective responsibility.

Compliance is a cornerstone of the construction industry and something D&H is passionate about, so the Accord's goals and principles resonate with D&H. To this

end, Carson was deeply involved in SCNZ's drive to develop a collaborative relationship with Auckland Council with a focus on sound procurement practices. The output was SCNZ's five-page checklist for compliance of structural steel for councils to reference, covering steel's fabrication, welding and coatings. It led to a joint SCNZ-Auckland Council roadshow. Carson joined Auckland Council Principal Project Lead Andrew Boyd, SCNZ Manager Darren O'Riley and SCNZ Engineer Alistair Fussell to share learnings about smart procurement practices with councils nationwide.

"It became clear that there was a general lack of knowledge amongst council consenting and engineering teams –

most councils are limited in terms of their resource so they can't be experts in everything," says Carson. "Encouragingly, councils around the country have embraced the opportunity to better understand compliance of structural steel. We've now equipped participating councils with the tools to assess the compliance of structural steel knowledgeably and with confidence, which also means there is no longer any excuse for them to accept non-compliant materials."

Carson says that it's in the public interest for SCNZ to share its knowledge with all councils to help them to lift their game. "Our standards are unique to New Zealand – proving that the steel complies with local standards, in terms of both the materials and the workmanship, isn't easy."

HIGH-END IN HUAPAI

D&H Steel's work on a high-end aged care and retirement village, known as Country Club Huapai, has marked a new partnership with lead contractor Form Building & Developments.

The retirement community is a joint venture between Hopper Developments and Cabra Developments and is set in the Huapai wine country on the original Nobilo Estate winery.

Form Building & Developments Site Manager Phil Culbert says the Country Club is another example of huge development growth sweeping the aged care sector.

"Retirement living is a high-growth area, and while there are a lot of cookie cutter products out there, Country Club Huapai is slanted towards a more boutique and high-end offering, hence the name 'Country Club'," says Culbert.

He says the selection of materials ties into this, as does the choice of quality subcontractors, which includes D&H.

"The success of our projects is driven by our subcontractors, and addressing the structural trade is critically important to our overall delivery. We partner with like-minded contractors that provide a high degree of quality, programme and delivery.

"Given the size of the operation, particularly in a heated market, we're looking for certainty around key aspects of structural steel – from procurement to the shop drawing process, fabrication and on-site erection. We've been really pleased with D&H Steel's slick delivery over a 14-week construction period and have valued the end-to-end solutions as part of this collaboration."

D&H overcame some timing challenges following poor ground conditions that caused a delay at the piling stage – through carefully planned 'pivoting' the team maintained programme.

The D&H project team during the technical review process identified considerable time savings could be gained by shop welding

the EBF frames as one complete assembly. This enabled the 6m x 15m frames with a weight of 15T to be transported to site and installed as a single operation.

"We're very happy with what we have achieved with D&H Steel to date and if we're looking at future tenders we now have a much more collaborative approach where we can share our collective smarts."



L-R: David Haines (Detailer) and Ethan Blyth (QS) inspecting the progress of the structural steel installation



D&H STEEL EVENTS

MUD RUN

Team D&H was put through its paces getting Down & Dirty in the 2019 Tough Guy/Gal Mud Run Challenge. This was followed by a BBQ lunch enjoyed by 90 competitors and supporters.



WERO WHITE WATER RAFTING

50 employees and family members attended the weekend event at the Wero Whitewater Park to experience the adrenaline rush of white water rafting and kayaking. For those that enjoy this kind of exhilaration they can extend themselves further in the next Coast to Coast as participants in the D&H Steel team challenge.



NEW TOY

Meet our latest acquisition to improve material handling productivity and safety: the Combilift Straddle Carrier. This has a 35T capacity, can double stack containers, unload a truck with forks in a single operation, has 90 degree turning, and is operated by remote control for 360-degree visibility.

CLIMBING GROUP

A group of enthusiasts has started up the D&H Steel Climbing Club. It meets up for weekly practice sessions and then tries its newly acquired skills outdoors on weekends.



Mark McKeown (Estimator) on the climbing wall and Liza Morrison, wife of Darryl (Detailer) scaling the rock face at the Crag in Stonefields, Mt Wellington

WATERFRONT HOTEL STEEL INSTALLED

New Zealand's first Park Hyatt hotel has wrapped up the steel construction stages, with D&H Steel completing works on the Wynyard Project led by a joint venture between Hawkins Construction and China Construction.

China Hawkins Construction (CHC) Project Director Sathy Thurairajah says his team was impressed by D&H Steel's tenacity and problem-solving since the project commenced three years ago.

"There were several challenges D&H Steel helped us overcome, from the specific Auckland Council compliance guidelines we had to follow right through to the difficult location right by the water's edge, which meant we had the added risk of nearby boats in the Basin," says Thurairajah.

"We were working in a site with two sides facing the public road and the other two sites facing the water, and through careful control measures D&H helped the project to grow horizontally and vertically throughout many phases of steel erection."

He adds that, in addition to the massive

scale project, D&H took on a sizeable variation for the steel painting to be fire-rated, which accounted for around 30% of the original work scope.

Thurairajah would like to commend Wayne Carson, Richard Hine, Nick Yakas, Mike Thompson, Wayne Peachy, Sue Lemmens, Dean Rafferty, Cameron Rogers, Dan Lyall and Mark McKeown amongst others for their work on the job.

D&H Steel and CHC also acknowledge the valuable work undertaken by the late Eric Birch, an experienced Site Supervisor who sadly passed away in March 2019, during this project, following a long career with the company since 1996.



EMIRATES TEAM NEW ZEALAND BASE

D&H Steel has been thrilled to play a part in the build of the Emirates Team New Zealand base site in Wynyard Quarter – where the previous Viaduct Events Centre, which was also originally constructed by D&H Steel, has been converted to house the boats and a viewing gallery.

The project involved partly demolishing the existing building façade, removing columns and strengthening the roof to incorporate two full-height roller doors that allowed entry of the boats for storage, maintenance and security. The client, Hawkins Construction, also required a mezzanine

floor, new gantry crane steelwork and an external staircase to a viewing galley.

The complexity of the project required constant innovative thinking to overcome challenges, says D&H Steel Project Manager Colin Ross.

"The programme was really tight as ETNZ needed to get the crew inside to design the boats for the Cup, so the pace was fast and there were several challenges to overcome."

"A key issue was the installation of the trusses to support the roller-door – the roof was overhanging, which meant we couldn't do traditional lifting. We had to modify the

truss to enable a crane to lift it, due to its position in proportion to the roof."

Hawkins Construction Manager Graham Smith echoes D&H's ingenuity to work around design challenges.

"There was a need to devise a carefully thought-out plan, which D&H Steel succeeded in doing perfectly."

"Colin was extremely helpful and proactive from day one – he pulled strings to deliver against tight deadlines and truly did whatever the team could to accommodate Team New Zealand."

L-R: Wayne Peachey – Steel Detailer, Colin Ross – Project Manager, Desmond Knowles – QS, Karl Muller – Site Supervisor

PUTTING A WRAP ON RETAIL

Two major Auckland retail redevelopments have come to a successful close for D&H Steel – the Westfield Newmarket build on 309 Broadway and the Sylvia Park retail and car park redevelopment.

Both projects have involved a significant number of crew members, steel material and subcontractor collaboration, with Westfield led by ‘super sub’ Clearwater Construction and Sylvia Park by Naylor Love.

D&H Steel Project Director Richard Hine reflects on the Westfield journey with a sense of pride for one of the largest workforce of D&H crews allocated to a single project.

“At its peak over the one-year build duration, we had five crews of steel erectors along with up to three crews of welder fabricators – our largest workforce on a single project since we worked on the Auckland Airport international terminal.”

“With Scentre Group as both the main contractor and building owner, opening the mall on time for tenants meant that programme was king, and I’m incredibly proud of our crews for delivering on time and at quality. I commend our four Site Supervisors in particular, Heneliko Taimovai, Jimmy Noble, Matt Sinclair and Steve Bradley, and Site Manager Nick Yakas.”

D&H Steel Site Manager Kevin Deane managed the Sylvia Park job and praises the perseverance of the crew. “The site layout and location meant we had to work around and over live areas still open to the public, which is a challenge D&H Steel is well adept at navigating, especially given our extensive work at Auckland Airport, which was of a similar nature.”

Deane calls out a new staff member, Site Supervisor Jeremy Phillips, for his passion for leadership and mentoring that was evident throughout the project, as well as Cadet Site Engineer David Yang who did an excellent job upgrading the QA for the centre’s Galleria site, bringing time-saving solutions to the QA area.

Both jobs mark the last in a long series of mega projects delivered by D&H across Auckland and the team is gearing up for the next round of large-scale projects to come.



The D&H Steel crew responsible for the SYLVIA PARK REDEVELOPMENT

Top L-R: Robert Viscarra, Norton Ritete, David Yang, Allan Brough, Jeremy Phillips (Site Supervisor), Dominic Ropiha, Xiang Lin, Danny Sorenson, Kevin Deane (Site Manager), Matt Sinclair (DS1 supervisor), Middle L-R: Rey Dologan, Randy Dologan, Yun Ju, George Daniel Seated: Sonny Faasavala, Joey Libo-on, Rommel Manzano, Ronald Alijad J[EM1] Razul Custodio (welder), Danny Sorensen (Rigger)



The D&H Steel crew responsible for the WESTFIELD NEWMARKET PROJECT

Top L-R: Fajil Delgado, Boyet Manalo, Jimmy Noble (Site Supervisor), Heneliko Taimovai (Site Supervisor), Vincent Alfred, Cameron Walker, Nick Yakas (Site Manager), Alvin Calma, Al Payumo, Tevita Filo, Aguido Mananquil, Richard Hines (Project Director), Steve Bradley Bottom L-R: Randy Dologan, Rey Dologan, Mariano David, Aldrin Albo, Rommel Manzano, Danilo Gonzales, Robert Santiago



NEW BRIDGE FOR CYCLONE-DAMAGED COUNTRY CLUB

In April 2017 Cyclone Cook hit Auckland with torrential rain taking out the original 1960’s built 10th fairway bridge at Whitford Park Country Club. The bridge has been replaced with D&H Steel donating the fabrication and installation of the new steel structure that will endure the natural elements and stray golf balls for the rest of this century.

L-R: Vijay Kumar (Auckland Abrasive Blasting & Coating), John Frederickson (D&H Steel Construction), James Brocklehurst (International Paints)

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

D&H was the first steel constructor in NZ to be awarded this International Quality Accreditation. We comply with ISO 3834 for the benefit of our clients.



ISO 3834 Part 2
Certificate No. 001NZ/2014

We were also the first to acquire Steel Fabricator Certification - a quality management system under the auspices of the IIW (International Institute of Welding).



We manufacture all the commonly specified welded beam and column sections and provide a free design service for optimised, tapered portal frames. Our CWBs are made from G350 steel and welded on both sides.



D&H STEEL STAFF SPOTLIGHT

LONG SERVICE AWARDS

Since 1972 many people have worked for the company and are responsible for building D&H Steel Construction to its current pre-eminent market-leading position. The tradition of recognising loyalty continued with the presentation of long-service awards by Mike Sullivan, Managing Director.

Mike Thompson
Detailing
Manager

25
YRS

Sue Lemmens
Detailer

Teau Arakua
Rigger/
Welder

30
YRS

Other recipients recognised for service were:

10 years: John Frederickson, Chris Rehman

15 years: Jordan Brown, Mohammed Saheen, Dean Rafferty, Kevin Deane

20 years: Brent Carroll

25 years: Bruce Gemmel, Dean Pouwhare

30 years: Jake Faafua **35 years:** George Leefe

SAFETY AWARDS

"We had some great safety ideas from the suggestion box this year and it was a difficult choice to pick out the best," said Workshop Manager Cameron Rogers.



Left: Benjie Manalo received his award for his suggestion of a safer way of using a Mag drill

Right: James Louisi suggested positioning first responder safety kits at strategic locations around the workshop

TONY HUTTON QUALITY MANAGER

Tony Hutton returned to New Zealand in 2017 after 10 years of working abroad in the oil and gas fabrication and construction industry in quality assurance and inspection roles, and recently joined D&H Steel as Quality Manager. Outside of work he is enjoying family life with two young sons, re-exploring New Zealand, playing music and fishing.

"I appreciate the opportunity to join the D&H team and am looking forward to working with everybody. My aims are to minimise business risk through quality, and to strengthen our position as industry leaders with innovation and best practice."



APPRENTICES



Chad Ray and Dharminder Singh being congratulated and presented with their certificates by Dean Pouwhare, Operations Manager

Training our employees to be the skilled workforce of the future is vital for the sustainability of the company and we currently have 12 people in apprenticeships. This year we had three employees, Rachel Ibambasi, Chad Ray and Dharminder Singh, completing their apprenticeships.

The honours continue with fabricator Mohammed Saheen being selected as a finalist in the SCNZ Apprentice of the Year awards. This is an outstanding achievement and we congratulate Mohammed on his success.



Phone one of our team today on 09 839 7250. We'd love to hear from you.

Wayne Carson – Ext 205
Director/General Manager

Dean Pouwhare – Ext 217
Operations Manager

Mike Thompson – Ext 204
Detailing Manager

John Frederickson – Ext 219
CWB Manager

Richard Hine – Ext 211
Contract Manager

Colin Ross – Ext 237
Contract Manager

Daryl Warren – Ext 236
Contract Manager

Document Controller – Ext 225

Mark McKeown – Ext 206
Estimating

Jamie Moxon – Ext 215
Estimating

Justine Purchase – Ext 210
Procurement Manager

Adele Hikuroa – Ext 212
Accounts