

THE HARD YARDS HERALD

JULY 2017

Massive shear walls to secure Bowen State Building

The Bowen State Building is being strengthened with two new full-height, 10-storey shear walls that will secure the existing building and give lateral support to the new annex wing.

The job's a credit to everyone involved, with a specific hard yards mention to Dion Russell, Nick Tuilaepa and Jake Monk-Tainghue.

Once the walls are completed, together with a strengthened floor diaphragm, they will give the building a 100% NBS rating.

The new transfer beams could only be installed after the 4x25mx1500dia belled piles, which were a challenge of their own.

Then, to complete a complex reinforcing steel beam, enter the master - Dion Russell, who took the lead and probably became more familiar with the reinforcing than all the engineers!

The north side beam took 70t of reinforcing and 200m³ of concrete, while the south side beam took 60t reinforcing and 180m³ of concrete.

Given these mass volumes, the engineers put some strict rules in place. To avoid cracking, the concrete was not allowed to exceed 65°C nor to vary more than 20°C within the beams. Data loggers installed at the bottom, top and mid-sections of the beams recorded the temperatures.

The form work was then insulated to maintain



Two new 10-storey shear walls to secure the Bowen State Building required 130 tonnes of reinforcing and 380m³ of concrete.

an even heat. Insulation was removed where the beams' temperatures rose in the middle and added where it was cooling top and bottom.

To cure the concrete, the beam form work could only be removed once the core temperature was within 20° of the outside temperatures. It was two weeks before the form work was released.

The team is pleased to be out of the ground now, although there's still some work on the shear walls including intricate beam extension details and architectural finishes.

Hall of Fame honour for LTM

LTM was one of eight companies inducted into the Wellington Region Business Hall of Fame on 7 July. The honour is for "enduring businesses that have made significant contributions" to the region. In an entertaining acceptance speech, Peter McGuinness acknowledged the hard graft of construction and the sacrifices made by partners and families.

The event was hosted by the Hutt Valley Chamber of Commerce. Peter's quip that he had given up apartment living in Wellington so he could live in the Hutt went down a treat with the local audience.



BRADY DYER PHOTOGRAPHY

Seventieth birthday marked

Peter is a regular on the Wynyard site so his 70th birthday celebrations in June weren't about to go

unmarked by the Auckland team. He was presented with a gift by the East 2 crew at the Marvel Bar and Grill, where everyone enjoyed a great night.

The Wynyard site itself is tracking well. Scaffolding on the first of the three pavilions has been removed, showcasing the cedar cladding.



Health and safety stocktake: how are we performing?

Stats look good

Although staff numbers have risen by 20% over the last six months, our accident and incident rates are steadily dropping. Put this down to training and competency testing of new workers, improved planning and the correct plant for the job, and better understanding of acceptable work practices.

So well done, give yourselves a pat on the back.

Monitor accident trends

It's important to report incidents and accidents. They give Marta, Melissa and me the details of how and why they occurred so we can identify any trends. That tells us if we need to increase training, change our H&S systems or simply provide more safety apparel to keep you safe.

One top initiative from Chris Bargh at Cuba Dixon was to provide a glove clip to staff to deal with a rise in minor hand injuries. As a result, these injuries for the month fell from 25 to 0. We've now

purchased glove clips for all staff so ask your H&S Officer or Marta, Mellissa or me for one.

Chris' initiative is a great example of a simple yet effective approach to a problem that he identified. If you have any ideas or innovations, come and talk to us or to your safety reps.

Audit score average

For the last six months the average has been 93% over 20-plus projects, which is above the construction industry average.

Bill Manuel and I have started working with LTM's apprentices so they know more about maintenance and safe use of plant and equipment.

We'll continue to push the envelope to maintain LTM as a leader in construction safety. Thanks for your efforts and keep up the good work because we can't perform like this without your buy-in.

Chris Diston



HAPPY BIRTHDAY, BILL! Bill Manuel celebrated his 65th birthday on 18 July, when he was lured to HQ under the pretence of attending 'a meeting'. To his surprise, gathered were old mates, his son Kerrin and wife Joy, and a morning tea with his favourite cake (banana).

Auckland science building on track

Auckland University's Thomas Building has a biological science research complex where live experiments take place as construction goes on!

LTM is removing all asbestos floor-by-floor in the ceiling space and completing the fit out. All levels



are getting new services including HVAC, electrical, plumbing and data while the original walls are kept intact. Led by Rowan Smith, Lindsay Burch and Thomas Pratt, the two-year project is tracking well with removal of asbestos in the first level just completed.

New Elevated Work Platform equipment looking good

With a few large projects on the go at the moment, and no doubt more in near future, we needed to go to the next level with our EWP stock.

Pictured right in all their glory are the latest arrivals from JLG - an elevator friendly little 1230, a couple of R6s and our first JLG All Terrain scissor lift, the MR260.

As we strive to reach new heights (the pun had to come) with this significant investment, the challenge will be to keep these beauties looking as good as they were the day they were bought!



Quartet hits 20-year milestone

Congratulations to these four legends, well known to all, who have each achieved 20 years' service with LTM. A celebratory dinner was held at The Dockside in May. The quartet and their joining dates are:



Steve Lowe: 21 October 1996



Nino Stowers: 21 February 1995



Graham Bowen: 15 January 1997



Tony Gormley: 21 October 1996

Another Terrace project completed

Another big project on The Terrace was completed early in July with the retail extension and lobby refurbishment at No.44.

High rise buildings on The Terrace have kept LTM busy in recent years and this project consisted of different stages and sectional handovers all within tight deadlines. Led by Amby Talamaivao, the crew worked extensively on this project with a lot of early starts and night shifts.

The work included building new glazed shopfronts within the lobby while the tenants still operated. Existing tiles were removed and the floor prep was carried out over a weekend so the lobby could be used on Monday. A new extended street shop-front with a new glazed canopy is ready for four new tenants to occupy.

The lobby was always busy and all the tasks had to be coordinated to maintain building access for the occupants. A job well done and congratulations to all on delivering a successful project.



SITE 10: WINTER ON THE WATERFRONT

Strong progress has continued at Site 10 over the past couple of months with completion of the basement structure and the base isolation.

The fabrication and erection of the steel superstructure is continuing at a cracking pace, and we now have double tee's installed to level 2 to the northern third of the building. As the photo shows, the reinforced concrete colonnade along Waterloo Quay is progressing well. A great effort from all involved, particularly the concrete and crane crews.

Welcome to new LTM staff

Welcome to these new staff who have recently begun working for LTM:

In Auckland

Orlando Cortez

Melissa Campbell

James Cotton

Luke Golds-Uili

Wade Eatts

Joel Velvestre

Jeffrey Bacus

Agustina Esmerado

Beni Masoe

Luke Sadler

Shannon Sands

In Wellington

Tony Siaosi

Kenning Barriball

Olivia Crabee

Joseph Young

Mike Maposua

Owain John

Kamiano Natelea



Bill Manuel and Matt Pattinson kept a watchful eye on these LTM apprentices on 21 July as they ripped around the Daytona Raceway in Seaview before adjourning for dinner at Speights Ale House in Petone.

A great night was enjoyed by Trey, Sam, Raymond, Matt, Jamie, James, Ethan, Dan, Bill, Sean and Tyran. Later Oliver, Rawiri and Sean McGuinness joined them for dinner.

“Great fun” coaching kids at Thai football tournament

Tony Gormley and Graham Little had a great time coaching local kids as part of an international football tournament in Thailand in early in June.



Graham and Tony were in the Kiwi team that played five games in seven days at the Seniors World Cup in Phitsanulok. In 34-degree heat, the team recorded two wins, two losses and a draw.

The Thailand Tourism Board sponsored the tournament with all money going to schools and tsunami victims. Each team from the seven competing countries took time out to coach

underprivileged kids from the area. “It was great fun,” Graham says. “Each country gave out sponsored gear that the guys had raised money for and paid for themselves.”

Another 20-year milestone

Congratulations to Heather Lamb who reached the 20-year mark with LTM in July.

Heather’s done just about every admin job in the company as she’s watched it grow over the years. Her celebratory dinner is coming up, along with others who have also reached the 20-year milestone.



Rumour mill

Is it true that when renovating their home, Sam Boulton and Adam Guile put the gib board on the wrong way, leaving the back of the sheets facing up to be plastered? Surely just a rumour.



Congratulations Katy and Evan



A healthy and happy little girl, Amelia Elizabeth Anderson, arrived for Katy Kemp and Evan Anderson at 5.15pm on 18 May, weighing 3.1 kg. Congratulations to Katy, who works at Bowen Campus, and to Evan, who’s at Cuba Dixon. A real LTM baby!

Great attitude

LTM’s Filipino staff recently enjoyed a family day out in Auckland along with staff from 10 other companies. Looking very sharp in their basketball uniforms, the LTM crew also competed in chess and darts. The basketballers made it through to the semi-finals, with the organisers commending the team on their great attitude to playing the game.

Stu ‘n Spot

And congratulations also to Stu Hercus from Bowen Campus who’s the new owner of Spot, a Cavalier King Charles spaniel.

We don’t have a birth weight for Spot but Stu’s so proud of him that Spot is on Stu’s screen saver.



Go the ‘Canes

Forty LTM staff, clients from RCP and Precinct and Fr Barry from St Mary of the Angels attended the Hurricanes vs Lions game on 27 June.

On their way to the stadium, the group had the pleasure of walking past a Hurricanes flag flying proudly from the Site 10 job on the waterfront, before watching a great game that ended in a 31-31 draw.

