In 2013, the former Lion Breweries site at Newmarket was acquired by the University of Auckland to support long-term growth over the next 30 – 50 years.

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The University of Auckland is establishing a new campus in the heart of Newmarket

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The current programme of work will cover just over half of this five-hectare site with further developments to be staged as new facilities are required.

The Newmarket Campus will be officially opened in 2015.

This newsletter is an occasional series intended to provide information and updates on the Newmarket Campus development.
Initial facilities handed over to the University

Four former brewery warehouses at Newmarket have been completely transformed into state-of-the-art research environments. Total refurbishment of these warehouse spaces has been achieved within a twelve month period, resulting in approximately 21,000 square metres of modern, fit-for-purpose research facilities to accommodate interdisciplinary research teams.

The warehouse refurbishment project was carried out under very tight timelines and budgetary constraints. “It is a testament to the energy, professionalism and skills of the whole team, including consultants, contractors and Faculty that Property Services have been able to meet these constraints and provide a research environment that is second to none,” says Peter Fehl, Director Property Services. “The reuse of the existing buildings not only has achieved significant sustainability objectives and budget savings but provide working environments that exceed those of many new facilities.”

Facilities were progressively handed over to the University by Hawkins Construction during August and September, although further work is now being undertaken to accommodate Electrical and Computer Engineering at Newmarket pending their eventual shift into new premises on the City Campus.

A significant milestone for the Newmarket Campus Development, the handover of these initial facilities marks the beginning of campus operations at Newmarket.

Construction of the Civil Structures Hall continues

Construction of the new Civil Structures Hall has progressed steadily in the winter months. The steel frame of the building, once a prominent feature of the site, is now hidden from view. A concrete basement, floors and ceilings have been constructed and roofing is also complete.

The glass-panelled building frontage, visible from Khyber Pass Road, has been installed more recently and encloses the Civil Structures Hall. Internal building fit-out of specialist laboratories will now become the primary focus of construction activity which will continue through until early 2015.

Facilities for large-scale structures testing will be available in this new building, including a strong floor and strong wall. Construction of the strong floor involved a single, continuous concrete pour lasting approximately 3.5 hours and utilising the services of two concrete plants, two pumps, and a large number of concrete trucks. Several weeks of planning ensured the operation was “seamless” and went “without a hitch”, according to Lee Johnson, Property Services Project Manager. Lee notes “the quality of the concrete work on this building is excellent, and the contractor Scarbro is on time and within budget.”

The challenging task of creating the 9-metre high strong wall, one of the largest in Australasia, is currently being undertaken.
Cardboard boxes, bubble wrap and parcel tape have been in high demand as the first groups to relocate to Newmarket Campus make their move.

Relocation of staff and postgraduate students from the faculties of Engineering and Science to the new research facilities is occurring gradually over a period of several months. While approximately 200 people will have moved to Newmarket Campus by the end of October, it is the relocation of around 3,000 pieces of specialist equipment which makes this a sizeable logistical exercise.

Relocation planning has required meticulous attention to detail to ensure each piece of equipment will be moved to an allocated spot at the new campus with required services such as power, water, hydraulics and gases in place. Academic staff, technicians and research staff representing each group moving to Newmarket have been heavily involved making these arrangements.

Around 160 large items need to be dismantled at their existing locations, then relocated and reassembled. Beyond the capabilities of your average moving company, the University is engaging both specialist removal companies in Auckland due to the sheer amount of work and the expertise required to move these large pieces of kit.

All of the preparation has paid dividends in the first series of moves, with down-time and disruption minimised.

NEWMARKET
THE NEXT GENERATION OF RESEARCH

A storyboard display has been installed along a portion of Khyber Pass Road to mark the beginning of the University’s operations at the Newmarket Campus.

As well as acknowledging our proud history, the storyboards showcase the University’s vision for the future. As New Zealand’s largest research organisation, the University of Auckland makes a significant contribution to advancing knowledge across a range of disciplines.

Among the first to benefit from the new facilities at Newmarket are researchers from the Faculty of Engineering. The following four research themes are being explored by the faculty as a whole and are depicted in the storyboard:

**Energy Research**
Smarter, resilient, sustainable, affordable power and energy systems.

**Technologies for Health Research**
Creating technology solutions to prevent, treat and manage illness, and improve wellbeing.

**Manufacturing and Materials Research**
Improving manufacturing through technology and novel materials.

**Infrastructure and Environment Research**
High-performing infrastructure that cares for our environment, while promoting sustainability and resilience.

The next generation of research begins at Newmarket, with the new research hub designed to provide an enhanced environment conducive to interdisciplinary work, greater collaboration and links to industry.

To find out more about the Newmarket Campus Development
www.auckland.ac.nz/newmarket