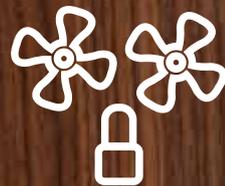
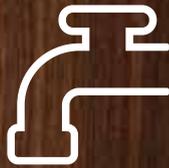


HUTCHINSON
BUILDERS

Established 1912

BATHROOMS





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WELCOME

We can spend as much as three years of our life in the bathroom. When you multiply that by every person in a household, that's a lot of showering, shaving, shampooing, and teeth cleaning.

The bathroom is one of the highest traffic areas, a major decision factor for buyers and tenants, and the room with the highest rate of defects and maintenance demands. It's critical for these pivotal spaces to have aesthetic appeal as well as faultless functionality right from the start. They need to look good and they need to work.

As part of our commitment to continuous improvement, Hutchies has been exploring a range of alternatives to traditional bathroom installation. We have sought innovative resolutions to the historic tension of balancing high quality form and function, while addressing cost, time, and layout constraints. Developer and or designers do not have to compromise design principles to make our customisable bathrooms work.

Using our own advanced production technology, we believe we have created a solution that will address many of the pitfalls that come with the installation of traditional bathrooms – particularly in high-density living.



Greg Quinn
Managing Director



Rohan Barry
Team Leader

THE CHALLENGE

One of the smallest rooms in a dwelling has long been the biggest cause of problems for builders. Wet area defects represent around 60% of all building defects nationally.

Building a traditional bathroom requires the work of multiple trades, working in cramped spaces, often with low lighting and long dry times. When you consider the circumstances, it's easy to see how things can get overlooked and mistakes made.

High density developments like hotels, units, and student accommodation feel the impact of this massive failure rate intensely. The success of these projects is dependent on consistent duplication of quality results within tight timeframes and lean budgets, leaving little room for error. Multiple defects result in inefficiencies and cost escalation that negatively impact margins at the end of the project – not to mention client relationships.

Hutchies has been contemplating the wet area predicament for some years – it's sticking point for us, as well as our clients. After a lot of research in collaboration with clients, architects, designers, and end users, plus multiple trials, we've arrived at a solution that wins the construction trifecta of time, cost, and quality.



OUR SOLUTION

Hutchies offers a customised, high quality bathroom solution that uses practical installation methodologies, and delivers superior results, while working within time and budget constraints.

Our front-end design and advance configuration ensures defect-free bathrooms, installed at the most optimal time in the program. Custom production ensures faultless replication across high-density facilities – and all without compromising creative scope.

Importantly, customisation works seamlessly with the overall construction process. Although design and configuration is offsite, the overall process takes a holistic approach. At our core, we are builders, and we understand construction management in intimate detail. We work with consultants, designers, architects, and other key project stakeholders to ensure your bathroom solution is integrated with the overarching project execution methodology. We'll collaborate with the site team to make sure we use the most practical installation procedures.

We maximise all the benefits of a production environment, including concurrent construction, resource optimisation, and expense containment. Our building services consultants and trade experts are all included in the design process to ensure comprehensive management from the outset.

While it's not the answer for every project, Hutchies' front-end bathroom design allows us to offer a range of options that have not been previously available, ensuring you get the best possible solution for your project.



CUSTOM



EFFICIENT



CONSISTENT



INTEGRATED



CUSTOM QUALITY

Hutchies' custom bathroom solutions are designed in intricate detail using 3D modelling technology. Our models get right down to the nitty gritty – screws, grout, silicone, it's all there. Going to this level of detail in design means potential issues are easily identified and rectified in the early stages.

Detailed modelling also enables a comprehensive, all-inclusive bill of materials to be generated, which means the procurement team can accurately source all items in bulk, with less waste, well ahead of program.

Another advantage of front-end detailed design and advance configuration is the ability to build a prototype to show clients, architects, and even end users. Being able to interact with a real-life functional sample means everyone is confident about the final product – even before construction begins.

Configuring bathrooms offsite brings all the benefits of a controlled production environment, including the use of 'lean' construction principles, stringent quality control, and superior process management. With multiple inspections throughout the process, and a final check prior to delivery, our custom bathrooms arrive defect free and ready for installation.

Every unit is WaterMark certified and has its own set of comprehensive Inspection Test Plans (ITPs) that are adhered to throughout the configuration process right through to installation.



AUTHENTIC



INSTALLATION

We coordinate all aspects of logistics, transport and installation of pre-configured suites. Depending on project size and site accessibility, the units can be installed directly onto the slab, or craned on to loading bays.

We provide all necessary training and support to give project teams the skills and knowledge to execute smooth installation. We also provide advice on the most appropriate lifting methodology – including structural engineering signoff – to ensure safe positioning on site and optimal crane efficiency.



PORTABLE



PROCESS

01
DESIGN



02
PROCUREMENT



03
MANUFACTURE



04
FINAL QA



05
STORAGE



06
DELIVERY



07
INSTALL



BENEFITS

QUALITY

Flexible, adaptable design

Controlled environment ensure water pressure tested

Full sized templates provided for detailed set-out and exact loading in-situ

Choose flush entry on rebated slabs or install directly on to slab with small step

Drainage options allow for single floor penetration and simple installation

WaterMark certification allows commissioning prior to handover

All-inclusive bill of materials

Multiple inspections of every unit

Prototype built prior to construction

Glass reinforced concrete (GRC) base

COST SAVINGS



CRANE



HOIST



TRAFFIC CONTROL



OVERHEADS



AMENITIES



MACHINERY

REDUCTIONS



WASTE



ONSITE LABOUR



DEFECTS



FINISHING



01

BATHROOMS PICKED FROM STORAGE



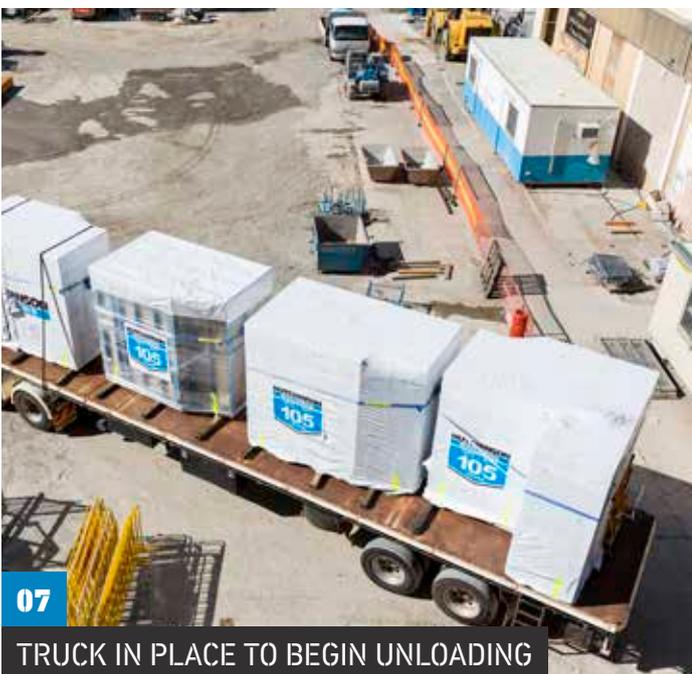
02

LOADED ON TO TRUCK



04

TRUCK DEPARTS



07

TRUCK IN PLACE TO BEGIN UNLOADING



08

BATHROOMS LIFTED OFF TRUCK



03

TRUCK FULLY LOADED



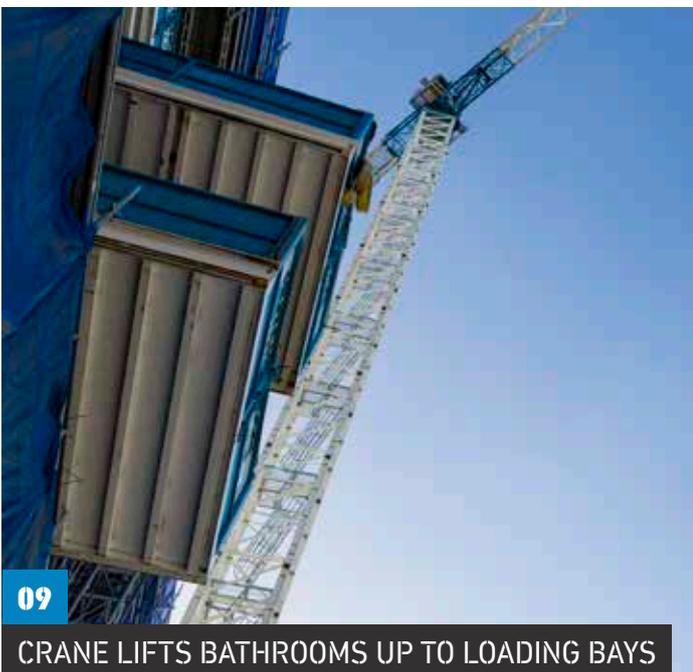
05

TRUCK TRAVELS TO SITE



06

TRUCK ARRIVES ON SITE



09

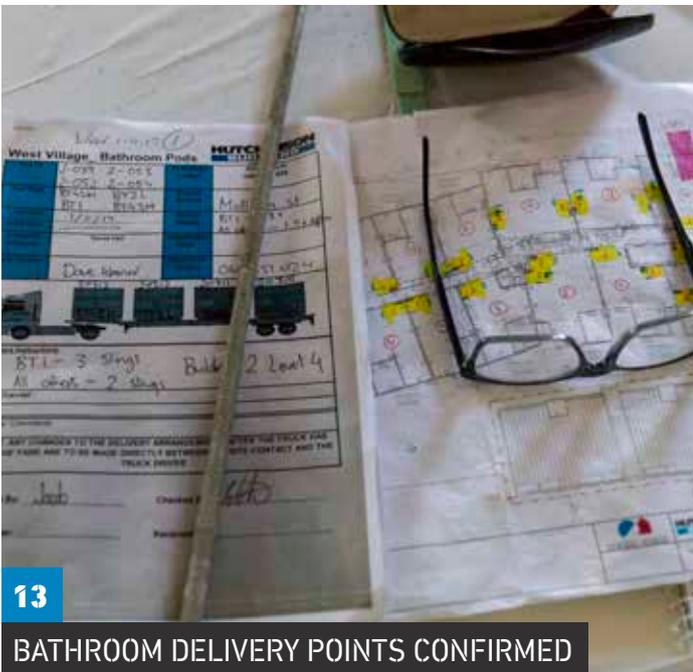
CRANE LIFTS BATHROOMS UP TO LOADING BAYS





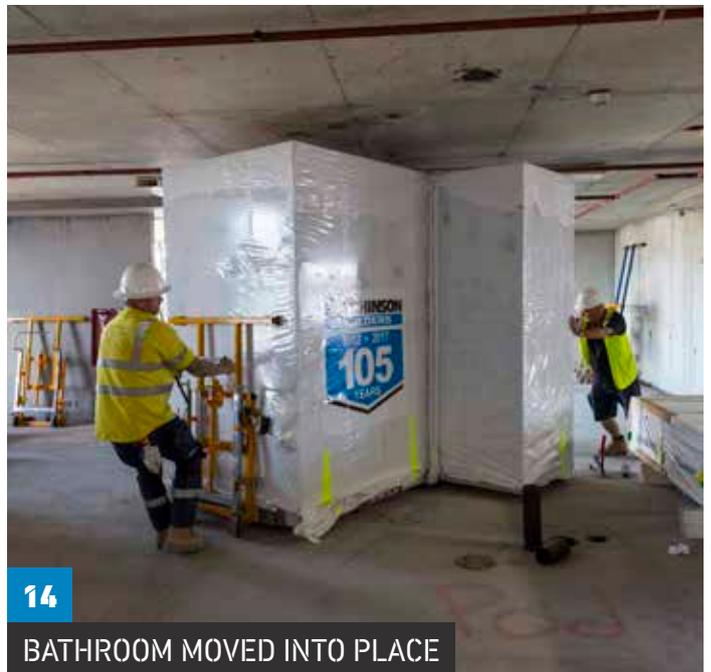
10

LOADING BAYS IN PLACE



13

BATHROOM DELIVERY POINTS CONFIRMED



14

BATHROOM MOVED INTO PLACE



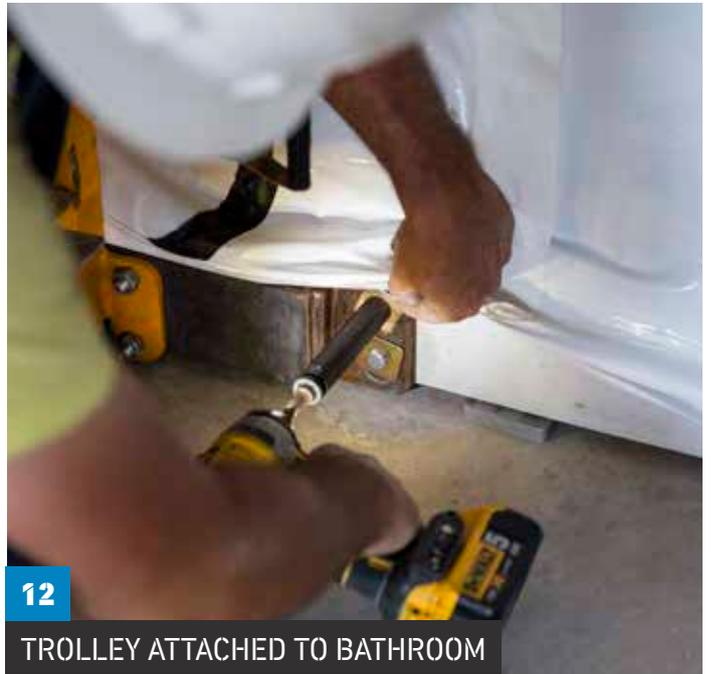
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BATHROOM ITP CHECKLIST COMPLETED



11

BATHROOMS LOADED INTO BAYS



12

TROLLEY ATTACHED TO BATHROOM

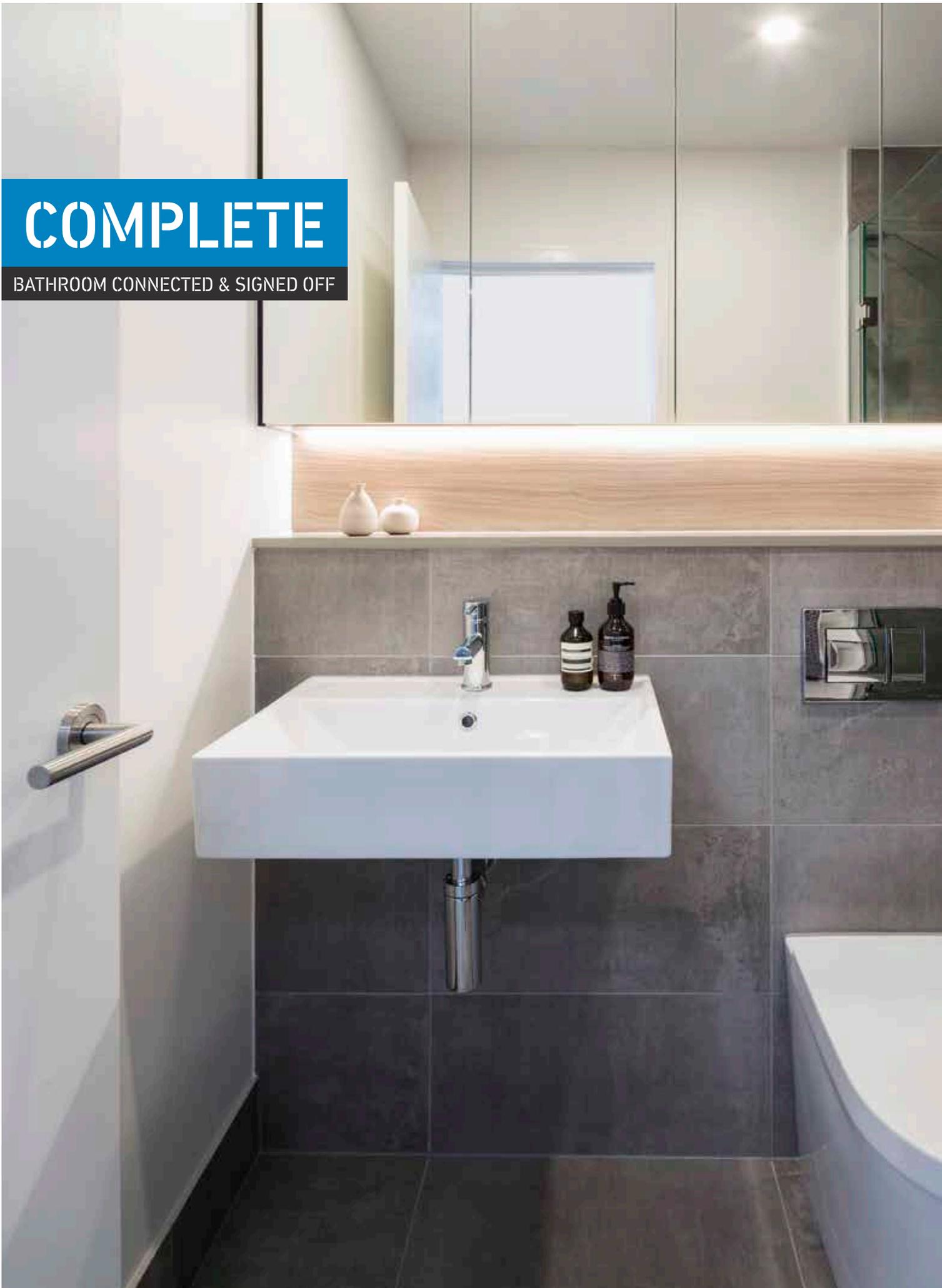


16

BATHROOM INSTALLATION COMPLETE READY FOR CONNECTIONS

COMPLETE

BATHROOM CONNECTED & SIGNED OFF







WEST VILLAGE

WEST END, QLD

Hutchies is currently working on the first stage of West End's most talked about new development: West Village. We have been on the journey with Sekisui House to create the bustling new precinct since the project broke ground. Together we've teamed up to take a collaborative approach to liaise with the surrounding community and work through the special challenges that come with working in and around heritage elements and culturally significant locations.

Subsequent to restoring the heritage listed Peters Ice Cream factory buildings for use as a sales office, we have excavated and completed the adjacent three level basement car park that will service the first stage of the development. All construction has been undertaken with minimal disruption to the flamboyant West End hub, ensuring existing retailers stay operational throughout construction.

West Village incorporated a custom bathroom solution to maximise efficiency and quality. The defect-free completed bathrooms were craned onto loading decks, to be installed as the structure was completed. This process saved significant time and cost by removing the need to engage material, equipment and trades for traditional bathroom installation.

 2018 Completed	 \$106M Value	 92wks Timeframe	 332 Apartments
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Key Info

Client	Sekisui House
Sector	Mixed Use
Delivery Method	Design & Construct
Architect	Hayball, ACME & Co, Nettletontribe
Structural Engineer	ADG Engineers
Electrical Engineer	SDF
Mechanical Engineer	Pinnacle Air
Hydraulic Engineer	Beavis & Bartels
Fire Engineer	Exova
Urban Designer	RPS
Building Certifier	Certis







As an architect, I hear a lot of different opinions around front-end designed solutions. Designers have a pre-conceived idea about 'pre-fabricated' products being sub-standard. The reality is that custom solutions like Hutchies' bathroom pods are a better product than many traditional bathroom installations and are installed much faster.

Mike Jones, Director — Arkitecture





THE NEW WAVE @ MIAMI ONE MIAMI, QLD

Delivered on a design and construct basis, Hutchies was pleased to take on the upgrade of the existing Miami One apartment complex to include an additional 27 apartments across three levels.

Embracing extensive views East to the Pacific Ocean, North to Surfers Paradise CBD and West to the dramatic coastal hinterland, the long awaited new residences include generous dimensions and quality finishes, offering quality and value for investors. Apartments are all two bedroom plus study, and include ensuite bathrooms. They are designed to maximise the enviable location and views, embracing the surrounding environment to bring the outdoors inside, for the ultimate Gold Coast lifestyle.

With the existing structure including a shopping precinct, we drew on our considerable experience with working in live environments to ensure these well-established local businesses were able to continue trading with minimal disruption.

The New Wave took advantage of Hutchies' customised bathroom solution to ensure a defect-free installation. The bathrooms were constructed and inspected for defects off-site, and then transported to site and installed directly on to the slab, following the construction program critical path. As each module was installed, the next level was formed on top.



 2018 Completed	 \$9.7M Value	 53wks Timeframe	 27 Apartments
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Key Info

Client	Ham Bros
Sector	Residential
Delivery Method	Design & Construct
Architect	Arkitecture
Structural Engineer	STA Engineering
Services Engineer	Instyle Electrical
Hydraulic Engineer	SPP Group
Building Certifier	Axis Building Certification



REMOTE HEALTH & EMERGENCY HUBS

Moura & Alpha, QLD



As the first modular hospital in Queensland, the health facility is a pilot project for Queensland Health designed and developed by Hutchinson Builders using the unique design and construction. Working in partnership with the Central Queensland Hospital and Health Service and the Moura community, Queensland Health ensured the new facility included room for growth and was based on a model of care that worked with public and private services.

Joanne Gill, Health Infrastructure Branch
Telephone +61 407 968 844

2016 Completed	\$20M Value	2 Projects	42wks Timeframe
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Key Info

Client	Queensland Health
Sector	Community & Health
Delivery Method	Design & Construct
Construction Method	Modular

Combined, these two first-of-a-kind facilities represent a step change in the health care facilities available to remote and rural communities in Queensland. They demonstrate Hutchies' ability to deliver innovative solutions in remote locations to a tight time-frame.

The \$4 million Moura Community Hospital was a pilot project for Queensland Health, developed using a unique modular design. The sheer remoteness of the site called for an innovative approach and precise sequencing to meet the tight 27-week program. This was achieved through the ability to overlap site work and modular construction of the buildings which was conducted in Hutchies modular yards off site.

Installation of building services for the hospital was particularly challenging to ensure optimum functionality. The ultimate challenge was to provide a contemporary facility that looked and felt in-situ, but brought all the cost and program benefits of a modular installation. The success of this project will result in the rollout of 47 new quality community health centres across the most isolated areas of Queensland.

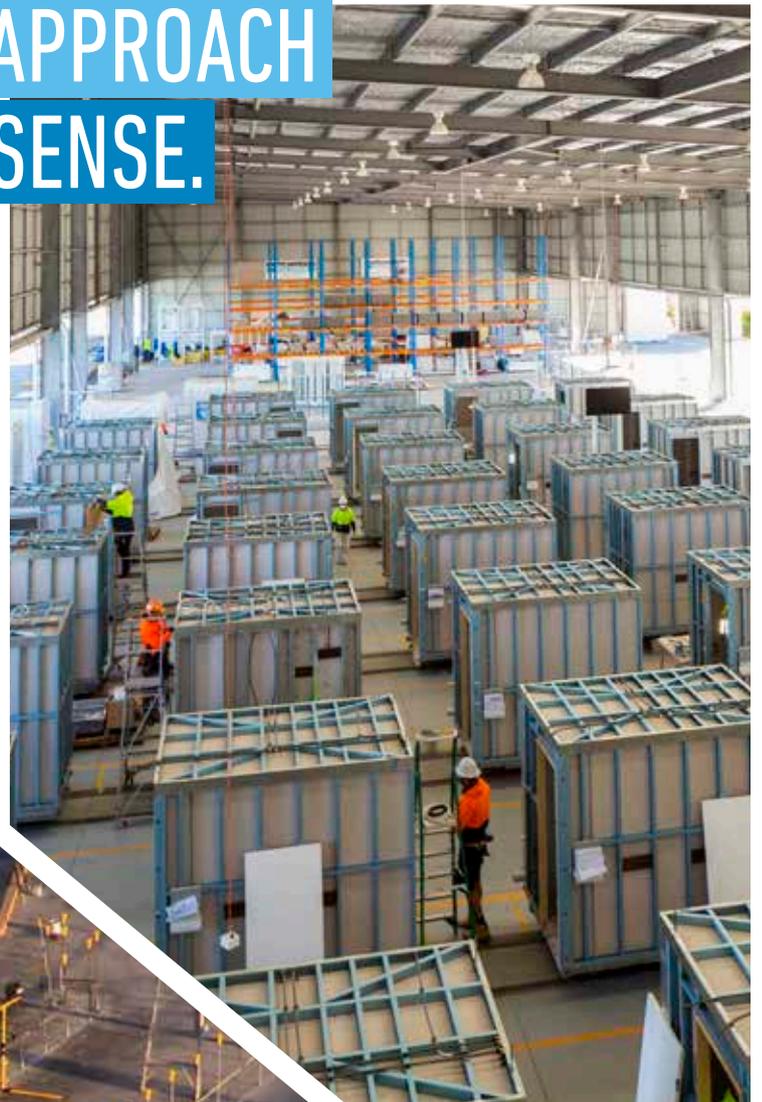
Off the back of the success of the Moura Community Hospital, Hutchies was engaged to construct the Alpha Emergency Hub – Queensland's first co-located hospital, ambulance, police, fire and emergency services facility. The hub includes 24-hour emergency access; inpatient beds; observation beds and resuscitation bays; private practice clinic facilities; a four-bed residential aged care facility; outpatient treatment facilities; telehealth facilities; and non-clinical support services.



MORE INFO <http://l.hutchi.es/2xJgnX7>



WE'VE HAD MORE THAN A CENTURY TO REFINE OUR TECHNIQUE. THIS APPROACH MAKES SO MUCH SENSE.



HUTCHIES.COM.AU

