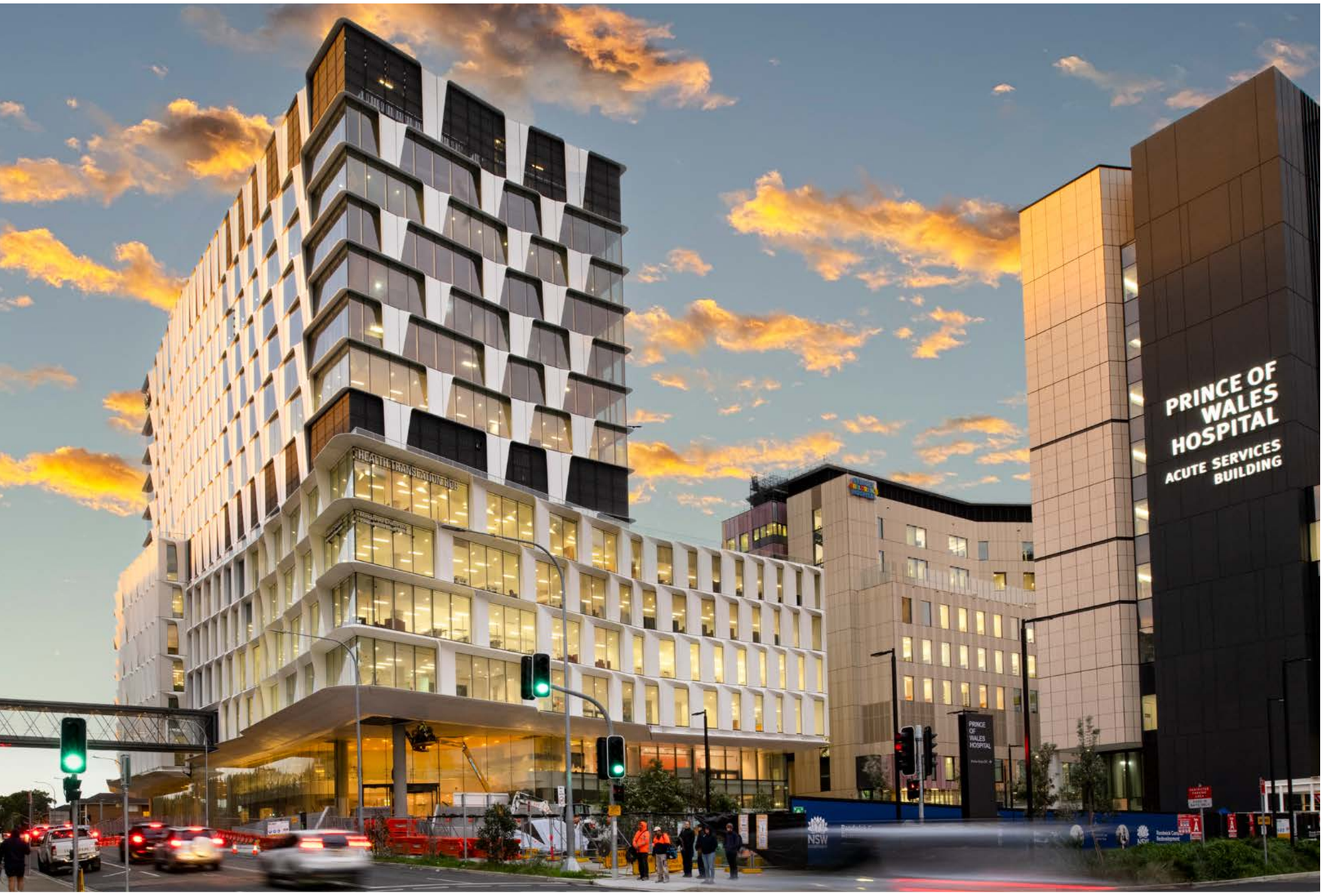
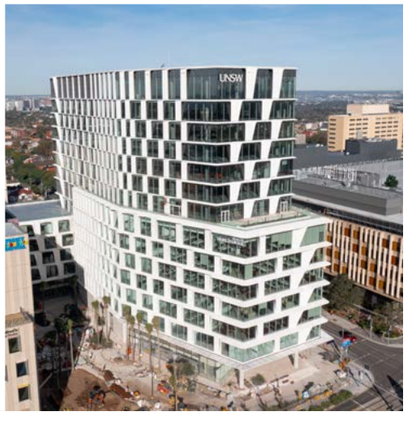
Below Ausrise Façades delivers precision-engineered, curtain walls and architectural façades, combining innovation, and technical excellence.





PIONEERING COMPLEX CURTAINWALL AND FAÇADE ENGINEERING

For over two decades, Ausrise Façades has been at the forefront of façade innovation and precision, specialising in complex curtainwall systems, high-performance glazing, and architectural cladding solutions across Australia.

With 23 years of experience and a skilled team of 50 professionals, the company has become synonymous with quality, craftsmanship, and collaborative delivery, which were on display in their recent work on the UNSW Health Translation Hub (HTH) project.

Located within the Randwick Health and Innovation Precinct, the HTH project posed a unique opportunity and significant technical challenge: to create a world-class façade system for a facility that brings together education, research, and clinical care under one roof.

"Our scope of work included all external curtain wall façades—glass, GRC (glass reinforced concrete), aluminium feature elements, fixed louvres, and frameless glazing at the podium," said Kevin Hartin, Director at Ausrise Façades. "Every one of our 50 staff members was involved in this project in some capacity. It was truly an all-hands on effort."

From the outset, the HTH's architectural ambition was clear, with striking geometric forms and curved aluminium and GRC features shaping the building's exterior. Ausrise was brought on for their ability to deliver complex façade systems with high technical accuracy and aesthetic precision.

"What made this project really stand out were the scale and shape of the GRC projections," Kevin explained. "They involved large-format panels with very tight tolerances and complex curvature that pushed the limits of conventional fabrication and installation."

Overcoming the engineering challenges of both these curved aluminium and GRC elements required early engagement with structural consultants, iterative 3D modelling, and customised mounting systems. The Ausrise team worked closely with the builder, architect, and façade engineers to ensure every panel aligned with the architectural vision while maintaining long-term durability and thermal performance.

The podium-level frameless glazing system also presented logistical and sequencing complexities. These were resolved through meticulous staging and real-time coordination with other trades. Despite the scale and technical difficulty, Ausrise delivered their scope on time and to specification.

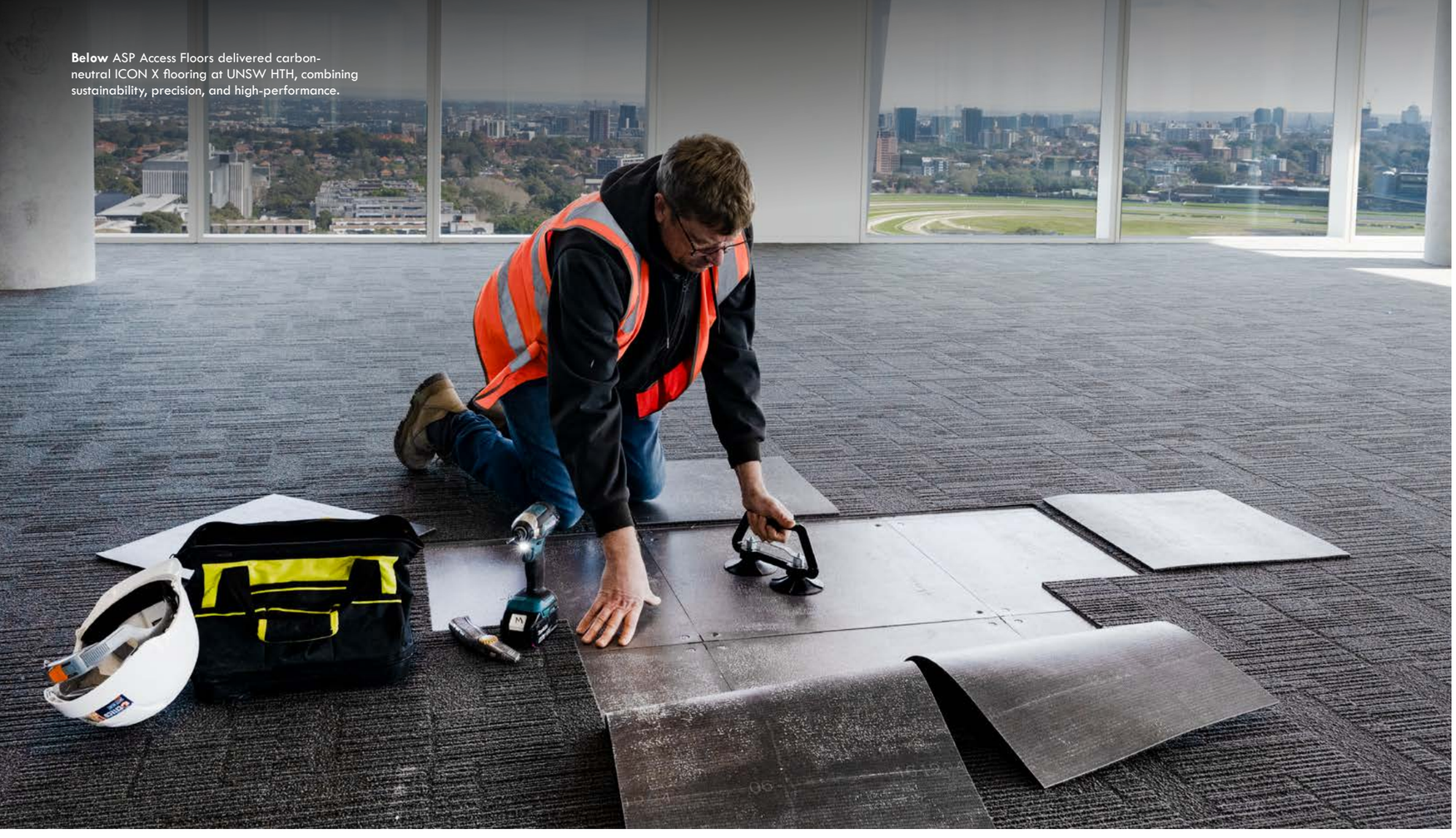
"The HTH project exemplified what Ausrise does best, bringing engineering, fabrication, and site installation together seamlessly to meet architectural intent," said Kevin. "We're proud to have been part of such an important project for UNSW and the broader research community."

Beyond the HTH, Ausrise continues to push the boundaries of architectural façade delivery. The company is currently working on the Macquarie University Engineering and Astronomy Building, another architecturally ambitious project that showcases their deep capability in technical façade solutions.

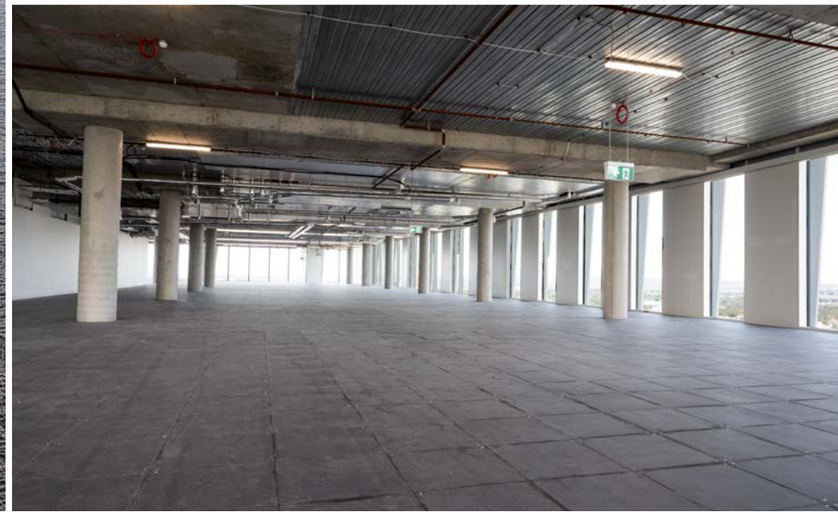
With a growing portfolio of major university, commercial, and public infrastructure projects, Ausrise remains committed to its founding values of quality, innovation, and collaboration. Their vertically integrated model (combining in-house design, manufacturing, and installation,) enables them to tackle increasingly complex façades with confidence and precision.

"Over the past 23 years, we've built our reputation on consistency and problem-solving," Kevin noted. "Every project is different, and we pride ourselves on adapting our systems and processes to suit. At the end of the day, it's about delivering value, performance, and design excellence to our clients."

For more information contact Ausrise Façades, 6/5 Clerke Place, Kurnell NSW 2231 Kevin Hartin – phone 0422 803 933, email kevin@ausrise.com.au, Paul White – phone 0422 803 932, email paul@ausrise.com.au, website www.ausrise.com.au



Below ASP Access Floors delivered carbon-neutral ICON X flooring at UNSW HTH, combining sustainability, precision, and high-performance.



CARBON-NEUTRAL ACCESS FLOORS

As the UNSW Health Translation Hub (HTH) set out to integrate research, education, and healthcare in one cutting-edge precinct, ensuring the building's infrastructure supported its multi-use demands was key. For the flooring, ASP Access Floors delivered more than just a foundation, they brought performance, precision, and powerful sustainability.

"Our scope involved the installation of over 11,000m² of our ICON X access flooring system across six office levels," said Angela Zlatar, Marketing & Sustainability at ASP Access Floors. "Given the HTH's design constraints, we worked with a low-height configuration to meet the spatial requirements without compromising functionality."

But this project wasn't just about fit-for-purpose performance. The flooring was also a statement in environmental leadership. "Hansen Yuncken and UNSW opted for a carbon-neutral solution," Angela said. "100% of the flooring installed through our Walk Carbon Neutral programme was fully offset, making it a ZeroCarbon certified installation."

The facility's diverse mix of clinical, research, and teaching spaces demanded a flooring system capable of handling significant load variations and traffic.

"We used the ICON X 3.0kN load-bearing system," Angela explained. "It's designed for high-use environments, perfect for supporting not just foot traffic, but also heavy equipment and furniture typical of a health and research precinct."

ASP's meticulous attention to detail was critical when it came to integration with mechanical, electrical, and data systems. "Our estimating team conducted comprehensive drawing reviews and services overlays before installation," said Angela. "This meant we could proactively resolve clashes and ensure seamless coordination with other services."

That forward-planning was supported by close collaboration. "We worked with architects, consultants, and contractors from the earliest design phase," Teah said. "We weren't just there to install, we offered technical guidance, adjusted plans to match service layouts, and helped ensure the project ran smoothly."

Innovation and sustainability went hand-in-hand throughout the delivery. "With our own logistics team and trucks, we had full control of delivery schedules," Angela added. "This agility allowed us to align with the construction timeline, often helping accelerate the programme rather than hold it up."

What truly set this project apart was ASP's ability to balance innovation, environmental responsibility, and client outcomes without compromise.

"The feedback we've received from stakeholders has been overwhelmingly positive," Angela noted. "There's a real sense of pride in contributing to such a meaningful development. One that will benefit students, researchers, and the community for years to come."

With 25 years of experience, ASP Access Floors continues to lead in projects where sustainability, design integration, and durability are key. "We're proud to see our Walk Carbon Neutral programme gaining traction," said Angela. "Seeing it applied in essential community projects like the UNSW Health Translation Hub shows the industry is moving in the right direction."

In addition to their work on the UNSW HTH, ASP Access Floors is actively contributing to several high-profile developments across Australia.

These include the landmark 435 Bourke Street project in Victoria, where ASP is delivering premium access flooring solutions to support one of Melbourne's most sustainable office towers.

In New South Wales, ASP is engaged at Gosford University, enhancing education infrastructure with durable and adaptable flooring systems.

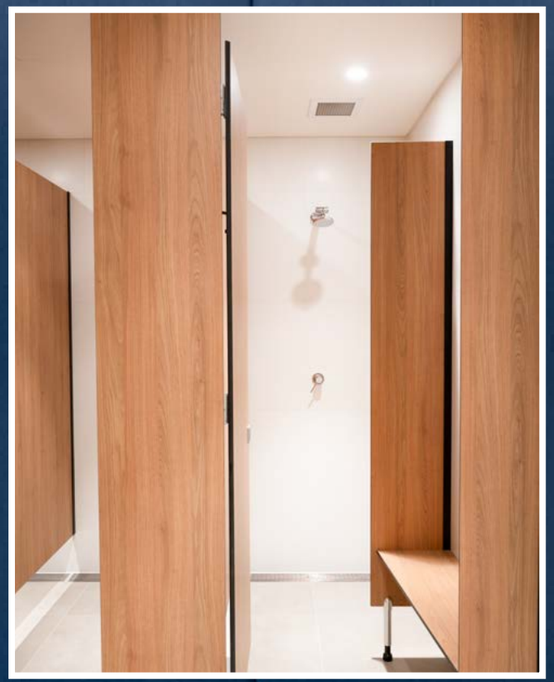
Further north, they are working with James Cook University, supplying systems tailored to tropical conditions and high-traffic environments.

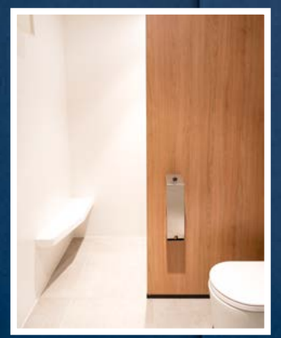
ASP is also playing a key role in the redevelopment of 55 Pitt Street in Sydney's CBD, bringing their expertise in scalable, future-ready access flooring to one of the city's most anticipated commercial projects.

From delivering low-profile, high-performance flooring to making carbon neutrality a standard rather than an exception, ASP's work at UNSW HTH proves that sustainable building solutions are both practical and powerful.

For more information contact ASP Access Floors, Suite 4.08, The Bond, 8 Elizabeth Macarthur Drive, Bella Vista NSW 2153, phone 02 9620 9915, email sales@aspfloors.com.au, website www.aspfloors.com.au

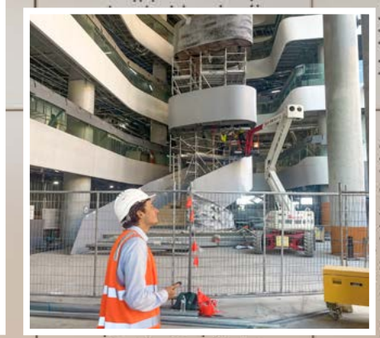
Below JCR Cubicle installed hygienic, sustainable end-of-trip fitouts at UNSW HTH, blending craftsmanship and social inclusion.





Below NCC and Access compliance for UNSW HTH through a proactive and collaborative certification process.

Images: Angus Peters (Senior Building Surveyor) and Adam French (Building Surveyor) taking part in a team site inspection led by Joel Lewis (Project Director)



BUILDING INCLUSIVE, HIGH-QUALITY INTERIORS FOR THE UNSW HEALTH TRANSLATION HUB

With nearly 25 years of industry experience, JCR Cubicle brought their commercial interior expertise to the UNSW Health Translation Hub (HTH), a landmark facility combining clinical, research, academic, and public-use spaces.

Led by Director James Rixon, the JCR team was responsible for the complete installation of end-of-trip partitions, including all shower and toilet cubicles from ground floor to level 14. "It was a standard job in the joinery sense," said James, "but what made it stand out was the multidisciplinary nature of the building—it's not every day you're working across such a mix of clinical and academic environments."

To meet the facility's strict hygiene requirements, JCR Cubicle used 13mm Polytec compact laminate in Tasmanian Oak, featuring anti-microbial properties. "Hygiene and cleanliness were a huge focus," James noted. "This product was ideal for that."

Though the bathrooms were the focus, the materials and design choices had to align with broader project goals for sustainability and wellness. "The whole job was really well-managed by the Hansen Yuncken crew. They're fantastic communicators," said James. "Any issues were quickly resolved, which allowed us to keep everything on track."

The result is a sleek, functional interior solution that reflects the evolving priorities of institutions like UNSW, blending hygiene, sustainability, and cultural inclusivity with high-quality craftsmanship.

JCR Cubicle's commitment to social impact also played a role on site, with Indigenous apprentices engaged in the project. "This is our second Indigenous apprentice. Our first is now mentoring Aboriginal students in schools," James proudly shared. "It's important to open pathways for young people into the industry."

For JCR Cubicle, the HTH project was another opportunity to showcase their adaptability in delivering well-executed, future-focused commercial interior solutions across sectors.

For more information contact JCR Cubicle, phone 0410 488 668, email estimating@jcrinteriors.com.au, website www.jcrinteriors.com.au

COMBINING RISK MITIGATION AND ACCESSIBILITY

MBC Group played a critical compliance role in the delivery of the UNSW Health Translation Hub (HTH). Engaged by Hansen Yuncken, MBC Group acted as Crown Certifier and consultant for both NCC and Accessibility compliance.

"Our responsibilities spanned the entire compliance lifecycle, from early design reviews through to construction certification and occupancy," said Joel Lewis, Project Director MBC Group. "Given the complexity of HTH, we applied a proactive and collaborative model focused on risk prevention and early intervention."

"We participated in regular compliance workshops and issue resolution forums, bringing a practical and solutions-focused mindset to resolving regulatory challenges. Our trusted relationships and clear communication channels with Health Infrastructure NSW and UNSW helped us secure early support of alternative compliance pathways, ultimately de-risking approval and ensuring program success"

MBC Group also maintained a live compliance risk register and worked closely with key stakeholders, UNSW, Health Infrastructure NSW, Plenary Health, Architectus, and Hansen Yuncken, to align code interpretation with the project's innovative vision.

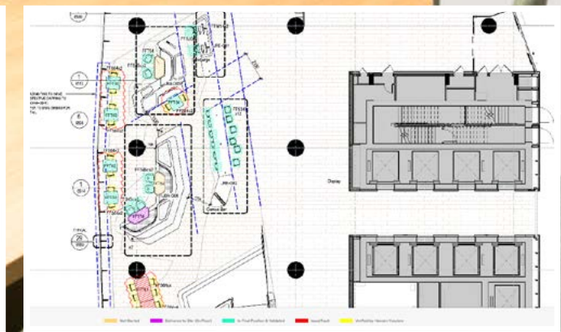
"As a conduit between all parties, we helped bridge the gap between innovation and regulation," Joel said. "Our collaborative workshops and issue resolution forums ensured performance solutions received early buy-in."

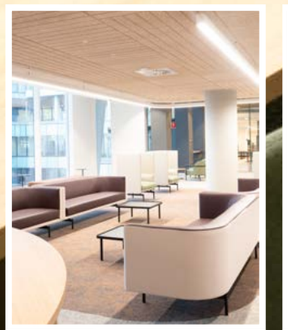
MBC Group's ISO-certified quality systems underpinned document control, audit trails, and certification throughout construction. The team also led site inspections and advised on post-occupancy fire safety and accessibility protocols.

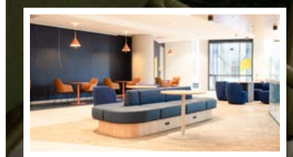
"HTH reflects our commitment to future-ready, high-functioning spaces," said Joel. "We're proud to have supported UNSW and Hansen Yuncken in delivering a world-class translational health hub."

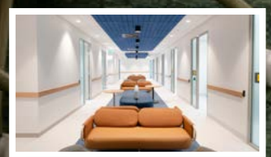
For more information contact MBC Group, Suite 3/18 Sydney Road, Manly, NSW 2095, phone 02 9939 1530, website www.mbc-group.com.au

Below Grace Workplace Solutions delivered seamless FF&E and logistics at UNSW HTH using digital tracking and sector-specific coordination.









DIGITAL ASSET TRACKING DRIVES PRECISION FF&E INSTALLATION

Grace Workplace Solutions, a specialist division of the Grace Removals Group, played a pivotal role in the successful delivery of the UNSW Health Translation Hub (HTH), providing end-to-end FF&E (Furniture, Fittings & Equipment) and a fully integrated services solution for the complex, multi-use development.

Engaged by head contractor Hansen Yuncken and UNSW, Grace's scope covered project management, procurement, vendor engagement, warehousing, QR-based asset tracking, delivery, assembly, commissioning, and warranty compliance.

"This was a fully integrated logistics and FF&E package," explained Hamish Dahya, Director FF&E/Commercial. "Using digital dashboards and live site drawings, stakeholders could track assets in real time, from procurement through to installation and commissioning. It ensured minimal double handling and precise delivery sequencing."

Given the HTH's integration of healthcare, education, and research spaces, Grace tailored strategies to meet each sector's distinct needs.

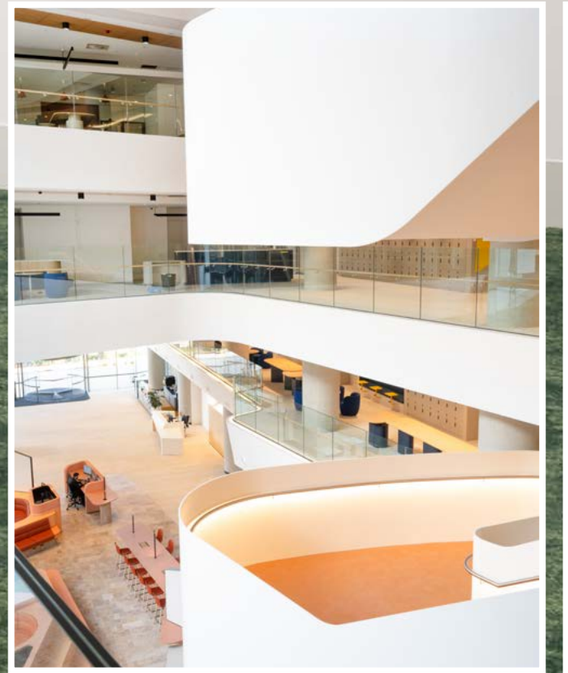
"We worked closely with stakeholders to meet functional, compliance, and risk-based requirements," Hamish said. Coordinating FF&E deliveries in a near-complete construction site presented challenges. "We had to manage restricted access, out-of-hours deliveries, and protect finished surfaces while navigating concurrent trades," Hamish explained. Grace's solution included detailed delivery schedules, real-time asset tracking, and deploying experienced site project managers, supervisors and installation specialists.

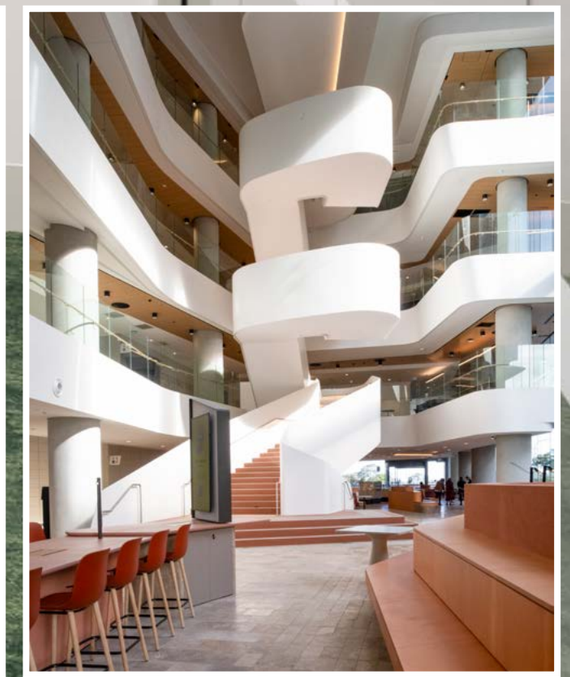
"Operating in high-spec environments like this means safety and precision are everything. We used trained, security-cleared personnel and worked closely with Hansen Yuncken to ensure minimal disruption to ongoing works," he added.

Grace Workplace Solutions' performance on the HTH project reinforces its reputation as a trusted provider of seamless FF&E services across complex infrastructure projects. Their combination of digital innovation, strategic planning, and practical expertise ensured a smooth, efficient installation that supported the building's broader vision for innovation and excellence.

For more information contact Grace Removals (Australia) Pty Ltd, 4 Tucks Road, Seven Hills, NSW 2147, phone 1300 209 028, website www.grace.com.au/workplace/

Below Asentis engineered and installed a complex cantilevered staircase at UNSW HTH, showcasing precision and architectural innovation.





CANTILEVERED STAIRCASE RAISES THE BAR FOR STRUCTURAL AND ARCHITECTURAL INTEGRATION

Asentis, a leader in integrated turnkey stair solutions, has added another standout project to its portfolio with the completion of the feature staircase for the UNSW Health Translation Hub (HTH).

Spanning from the ground floor to Level 3, this striking centrepiece is as much an architectural statement as it is a feat of complex engineering.

Early involvement under a Design & Construct contract was critical, enabling Asentis to de-risk the stair design and achieve seamless integration with the base-build and installation process.

The project involved the delivery of full cantilever staircases weighing approximately 11 tonnes per level. "The stairs were fixed to the slab edge at one location only, which required us to use extremely large and heavy steel members," explained Sian Brighten, Head of Client Relations & Business Development. "This wasn't just a staircase, it was an intricate structure requiring surgical precision."

The complexity extended beyond weight and scale. To facilitate the installation, the Asentis team developed an advanced temporary engineering methodology.

"We had to use more than 200 props to back-prop the ground floor slab and support our 60-tonne crane during the lift," said Sian. "It was one of the most intense setups we've executed, but absolutely critical to the success of the install."

Accuracy was paramount. The stair connection to the main structure used cast-in slab connection plates and cleats, all set out and installed to achieve pin-point precision. Balustrades made from solid steel plate were painted and installed completely free of defects, offering the seamless finish the architects envisioned.

One of the project's innovations came from within. "Our construction team developed a curved nosing detail that wasn't available off-the-shelf. It allowed us to meet the exacting architectural brief with elegance and durability," said Sian.

This landmark project reaffirms Asentis' commitment to engineering excellence, design innovation, and the seamless integration of form and function in modern civic spaces.

For more information contact Asentis, phone 1300 685 000, email sales@asentis.com.au, website www.asentis.com.au