

SYDNEY BIOMEDICAL ACCELERATOR FORTNIGHTLY CONSTRUCTION UPDATE

ISSUE 28
21 SEPTEMBER 2026

CONSTRUCTION UPDATE

Construction of the SBA project continues to progress at pace, with a major milestone reached through the completion of the first Level 4 slab pour. The Level 2 structure is also progressing across the site, with 2 of the 3 remaining pours due for completion this week. Once these pours have been achieved, the only remaining Level 1 and 2 works are within a small section at the Susan Wakil Health Building (SWHB) driveway interface / building line. The building structure continues to grow upwards, with Core 1 reaching Level 4 and Cores 2 & 3 reaching Level 6. Concrete pours continue across Levels 1, 2, 3 and 4 in multiple areas of the site.

Construction of the project's first double-height raked columns has commenced, with the fabrication of reinforcement cages starting onsite, ready to be lifted into position on the Northern Façade with one of the project's tower cranes. These columns span between Levels 2 and 4 and will be propped and poured with an 83-degree lean.

Work to streamline site logistics is also progressing on the Materials Handling Zone adjacent to Western Avenue, with vehicle driveways having commenced at both Cadigal Lane and Blackburn Circuit. Additional perimeter screens continue to be installed around the building, providing protection for workers as construction moves to higher levels. All three formwork hoists are now installed, providing additional options for moving materials and equipment throughout the building. The first personnel hoist has also been installed onsite, which will assist workers being transported up and down the building, as the levels progress.

As work continues across the site, the SBA project is becoming increasingly visible across the campus.



Image: Level 03 Reinforcement being installed



Image: L4 deck completed / Column Prefabrication Area

SEMESTER 2 WITH SBA AND USYD

Alongside construction, the Semester 2 education program with the University of Sydney (USYD) Office of External Engagement continues. The program gives students the opportunity to hear directly from the SBA project team and learn more about how a major biomedical research facility is planned, designed and built.

This fortnight, the RCC team welcomed the second group of engineering students to the SBA Project and introduced them to the complexities of the delivery of the Sydney Biomedical Accelerator (SBA) project. The site tour was completed on Friday 4 September 2026, with approximately 20 USYD students participating in a presentation delivered by members of the RCC SBA Team. Students were also provided the opportunity to view the active construction site from the St Andrews College Oval.

By sharing knowledge and real-world project experience, the program is helping connect students with the project and giving them a behind-the-scenes insight into the transformation taking place on campus.

WHAT'S UPCOMING

* dates provided are approximate and may change due to programme requirements, weather conditions and site conditions

ACTIVITY	START	FINISH (APPROX)*
Substructure Works (SWHB Driveway)	September 2025	October 2026
Core Walls / Jumpforms	November 2025	March 2027
Structure (Level 2 and above)	June 2026	May 2027
Props Removal / Formwork Stripping	June 2026	May 2027
Tower Crane 3 Installation / Tower Crane 1 Removal	Mid-November 2026	Mid-November 2026

SUBSTRUCTURE / LEVEL 1 (B1 & L1)

Remaining works in SWHB Driveway zone to be completed:

- Excavation of remaining SWHB driveway portions
- Services works within SWHB carpark and loading zones
- Formwork, reinforcement and concrete pours up to SWHB building line

LEVEL 2, 3 & 4 STRUCTURE

- Level 2, 3 & 4 structural works continue across multiple zones, progressing through reinforcement, post-tensioning, services and formwork activities.
- Column construction continues ahead of slab works, including installation of column formwork, reinforcement and concrete pours.
- Level 2, 3 & 4 concrete pours are progressing, with further pours scheduled through September.

LEVEL 5 STRUCTURE

- Structural works are beginning to take shape for the commencement of Level 5, including pouring columns between Level 4 to Level 5, in preparation for formwork, reinforcement, post-tensioning and building services installation.
- Level 5 concrete pours to commence in October.
- The first Level 5 concrete pour will be the first cantilevered slab extending out towards Western Avenue.

EXTERNAL WORKS:

- Vehicle driveway works for materials handling zone continues on Western Avenue. The area is expected to be operational by October.
- Installation of Level 4 A-Class Hoarding on Susan Wakil Health Building (SWHB) Upper Wakil Garden has been completed.

CORE CONSTRUCTION

- Core 1: Core wall construction continues into Level 4, climbing works progress through September and October.
- Core 2: Core wall construction continues into Level 6, with further reinforcement, formwork and concrete works progressing through September and October.
- Core 3: Core wall construction continues into Level 6, with further concrete pours scheduled through September and October.

WHAT TO EXPECT

- Commencement of Level 5 structural works; ongoing works across Levels 1 - 4
- Continued progression of all three building cores through the upper levels.
- Single lane closure for vehicle crossover works off Western Avenue to be extended until 2nd October.
- Completion of the Level 2 Materials Handling Zone including vehicle driveway works.



Image: First Level 4 Slab poured



Image: Protective screens climbing higher

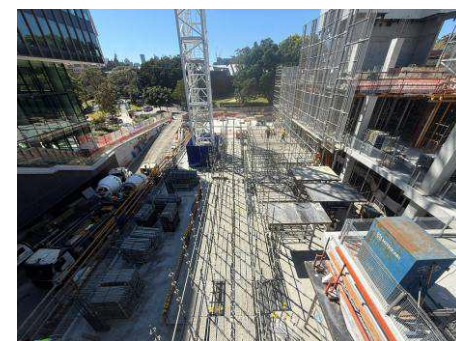


Image: Scaffolding works being completed above Level 2

CONSTRUCTION ENQUIRIES

For any questions about the works being undertaken, please contact us via email

E: sydneybiomedicalaccelerator@richardcrookes.com.au

We appreciate your cooperation and patience as we work to bring you this exciting new facility.

SYDNEY BIOMEDICAL ACCELERATOR FORTNIGHTLY CONSTRUCTION UPDATE

ISSUE 29
08 OCTOBER 2026

CONSTRUCTION UPDATE

Construction of the SBA project continues to progress. The Level 2 structure is nearing completion, with only one pour remaining adjacent to the Susan Wakil Health Building (SWHB) driveway. The building structure remains on track, with Core 1 reaching Level 5 and Cores 2 & 3 reaching Level 7. Concrete pours are continuing across all levels to Level 4. Construction of the first Level 5 formwork deck is underway in preparation for the level 5 cantilevered slab.

Construction of the project's first double-height raked columns is in progress, with the first two columns poured. These columns span between Levels 2 and 4 and have been propped and poured with an 83-degree lean.

Work to streamline site logistics has also been completed, with the Level 2 Materials Handling Zone adjacent to Western Avenue now activated. This enables semi-trailers to enter the site directly from Western Avenue, significantly improving material deliveries, site logistics, and traffic management around the SBA project.

Internal fit-out works for Basement 1 and Level 1 have commenced with the first fire hydrant lines installed within the building. Additional trades are scheduled to commence onsite this week, driving progress across services, insulation, blockwork, wet fire, and dry fire installations.

The first façade works have also commenced onsite, with the façade contractor beginning the removal of external panels on the southern elevation of the SWHB to facilitate the connection between the two structures.



Image: SBA's First Double Height Raked Columns!

SEMESTER 2 WITH SBA AND USYD

The Work Integrated Learning Program with the University of Sydney (USYD) provides ENGG3112 engineering students with the opportunity to engage with industry professionals and explore real-world challenges drawn from the Sydney Biomedical Accelerator (SBA) project. Earlier in the semester, two earlier consultation sessions were held with students and the RCC team to identify several challenge themes derived from real project experiences. These themes included Keeping Green Buildings Green, Electrification of Construction Sites, Material Tracking Through the Construction Life Cycle, Technology-Supported Safety Monitoring, and Automation and Optimisation of Workflows.

During the most recent online session held on 25 September 2026, students engaged directly with RCC team members, asking questions to gain a deeper understanding of the opportunities, constraints, and complexities associated with each challenge theme. The session provided students with valuable industry insight to inform the development of their proposed solutions, allowing them to test ideas, validate assumptions and refine concepts for their real-world projects. Drawing on lessons learned during the delivery of the SBA project, RCC team members challenged students' thinking and shared practical industry perspectives to help them identify innovative ways of addressing key construction challenges. These consultations form a key part of the 12-week interdisciplinary program, helping students bridge the gap between classroom learning and industry practice.

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EXTERNAL WORKS:

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- Installation of Level 4 A-Class Hoarding on Susan Wakil Health Building (SWHB) Upper Wakil Garden has been completed.

CORE CONSTRUCTION

- Core 1: Core wall construction continues past Level 5, climbing works progress through to the end of the year.
- Core 2: Core wall construction continues past Level 7, with further reinforcement, formwork and concrete works progressing through to the end of the year.
- Core 3: Core wall construction continues above Level 7, with further concrete pours scheduled through to the end of the year.

WHAT TO EXPECT

- Commencement of Level 5 structural works; ongoing works across Levels 1 - 4
- Continued progression of all three building cores through the upper levels.



Image: Tower Boom Pouring Concrete into Core 1

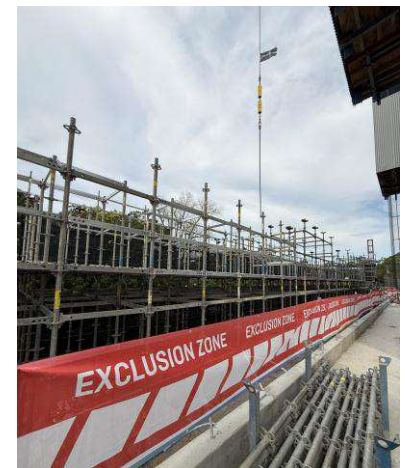


Image: Level 5 Formwork Deck for Cantilevered Slab

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