

SYDNEY BIOMEDICAL ACCELERATOR FORTNIGHTLY CONSTRUCTION UPDATE

ISSUE 12
1 DECEMBER 2025

CONSTRUCTION UPDATE

Construction activity continues to progress across the SBA site as works advance deeper into the substructure phase, with multiple core zones undergoing formwork, reinforcement, and concrete pours (FRP works), and waterproofing. These activities are building the below-ground walls and structural elements that will support the future vertical construction.

In Core 3, early-stage core wall construction has advanced with the installation of formwork followed by the placement of steel reinforcement. These works are part of the site's ongoing FRP and waterproofing program, with membranes now installed to protect the below-ground structure from moisture. The reinforcement works have prepared the core walls for upcoming concrete pours as the basement levels continue to take shape.

Core 2 is also progressing, with ongoing concrete pours, waterproofing installation, and the formation of the lift pit. These activities are preparing the central core area for future structural works, ensuring all below-ground elements are watertight and structurally robust.

Excavation for the Tower Crane 1 base was completed earlier this month, and the concrete slab has now been poured and cured. With the base now ready, the site is prepared for tower crane installation once weather conditions allow. This crane will play a key role in supporting material movements and the transition into vertical construction.

Along the boundary with the Royal Prince Alfred Hospital (RPAH) and the Susan Wakil Health Building (SWHB), foundation piling works are continuing, with both piling and micropiling rigs in operation to complete the remaining substructure support. These external and boundary works are progressing through close coordination between the two construction sites. Micropiling along the SBA and RPA Hospital Redevelopment interface has now been completed, and hoarding has been reinstated between the sites, with ongoing investigative works for the piling works required for the future RPA Link Bridge connection.

RESCHEDULED WEEKEND WORKS – TOWER CRANE INSTALLATION (6-7 DEC 2025)

Due to weather impacts, the tower crane installation has been rescheduled on the SBA site for the weekend of 6-7 December 2025. Traffic control measures will be in place however short delays are expected — please allow extra travel time.

KEY DETAILS:

- **Road closures:** Western Avenue will be closed between Carillon Avenue and Physics Road from 5:30am–7:00pm each day.
- **Detours:** Traffic detours will be in place either side of the closed section of Western Avenue via City Rd, Parramatta Rd, Physics Rd, and Manning Rd.
- **Pedestrian access:** Western Ave near St Andrews will be closed; alternate routes will be signposted.
- **Access:** College and delivery access will remain available under traffic control via Carillon Ave and Parramatta Rd.



The full notification will be shared with residents separately with specific access, traffic and pedestrian information.

WHAT'S UPCOMING

*weather and permits dependent

ACTIVITY	START	FINISH (APPROX)*
Substructure (Foundation and Core Works)	20 Aug 2025	Mid April 2026
Tower Crane Preparation Works	13 Oct 2025	Mid Dec 2025
Jumpforms	18 Nov 2025	Late Aug 2026
Tower Crane 1 Installation	6 Dec 2025	7 Dec 2025
Non-Destructive Excavation Works on Western Avenue	8 Dec 2025	12 Dec 2025
Planned Electrical Power Shutdown SWHB MSB1	13 Dec 2025	13 Dec 2025
Tower Crane 2 Installation	10 Jan 2026	11 Jan 2026

SUBSTRUCTURE (FOUNDATION AND CORE WORKS)

Work focusing on forming the building's basement structure and main concrete cores, including:

- Completion of piling works in the SWHB driveway area and final piling elements across the substructure zones.
- Further excavation and concrete preparation for footings, lift pit, and tunnel structures, with waterproofing and reinforcement works continuing throughout the basement.
- Structural concrete works, including tunnel base concrete placement and ongoing lift pit construction.
- Underground drainage and inground service installation, including service conduits, pits, and trenching within the excavation.



Image: Core 2 and 3 progress of substructure

TOWER CRANE PREPARATION WORKS

- Installation of Tower Crane 1 is scheduled for 6–7 December 2025, requiring a full road closure of Western Avenue between Carillon Avenue and Physics Road.
- Concreting for the second tower crane base is underway. The crane base will be fully cured and ready for Tower Crane 2 installation in January 2026.



Image: Tower Crane 2 base preparation works

JUMPFORMS

The final core wall preparation is underway, with jumpform system assembly scheduled for mid-December 2025, positioning for vertical core construction next year.

WESTERN AVENUE WORKS – 8-12 DECEMBER 2025

Works Summary: Planned works will take place along the eastern lane of Western Avenue between Cadigal Lane (Gate 1 of the SBA site) and the Carillon Avenue intersection, as shown right. Approximately 17 slit trenches will be excavated to investigate and confirm underground services ahead of future high-voltage (HV) works required for the SBA project. These activities will occur between 7:00am and 5:00pm each day.

Traffic Access: A temporary rolling single-lane closure will be in place for the duration of the works. Non-destructive digging will be completed in short, staged sections to maintain traffic flow, with accredited traffic controllers managing vehicle and pedestrian movements. Minor delays may be experienced during active trenching periods.



CONSTRUCTION ENQUIRIES

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

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