

Piling and Excavation Fact Sheet

Enabling works for the new Prince of Wales Hospital Acute Services Building are continuing, with retention piling and bulk excavation activities commencing on site from May 2019.

The health and safety of patients, families, visitors, staff and the community is our top priority throughout construction.

Strict environmental and planning controls are in place to manage noise, dust and vibration and we are working closely with Transport for NSW, CBD and South East Light Rail, UNSW and Randwick City Council to coordinate construction in the area.

Earthworks and piling to prepare for a strong building foundation

Since late 2018 site clearance, preparatory works and utility upgrades have been occurring on site.

From May 2019 the next phase of preparatory activities for the Acute Services Building will commence.



Two piling rigs will be used to install retention piles in the location of the new Acute Services Building.

Piling

Piling is required to facilitate excavation and support the new hospital building. Piles are constructed by drilling into the ground and filling the hole with steel and concrete.

A bored piling method will be used as this type of piling generates less noise and vibration than other types of piling.

Prior to delivery of the piling rigs a platform made of compacted soil, geofabric material and crushed sandstone will be laid down and stabilised using a vibratory roller.

Two piling rigs will be used during this stage of work. The piling rigs have tall vertical shafts that extend approximately 20 metres into the air.

All piling activities will be undertaken inside the site boundary.

Piling activity will take approximately two months to complete, weather permitting.

Bulk Excavation

Bulk excavation involves the removal of sand, soil and rock from the footprint of the Acute Services Building.

This work will be carried out using excavators, jack hammers, rock saws and hammers, bobcats, trucks and trailers. This phase of work will involve some rock-breaking activities.

Bulk excavation will take approximately four months to complete, weather permitting and will partly overlap with piling activities.

Approved site hours

Approved site hours are:

- 6am to 6pm Monday to Friday
- 8am to 5pm Saturdays.

Piling and bulk excavation will be undertaken between the hours of 7am to 6pm Monday to Friday, and 8am to 5pm Saturdays.

Managing impacts

Mitigation measures are in place to manage noise, dust and vibration, and respite periods will apply to rock-breaking activities.

Construction vehicle movements are reduced during peak periods to minimise impacts on the road network.

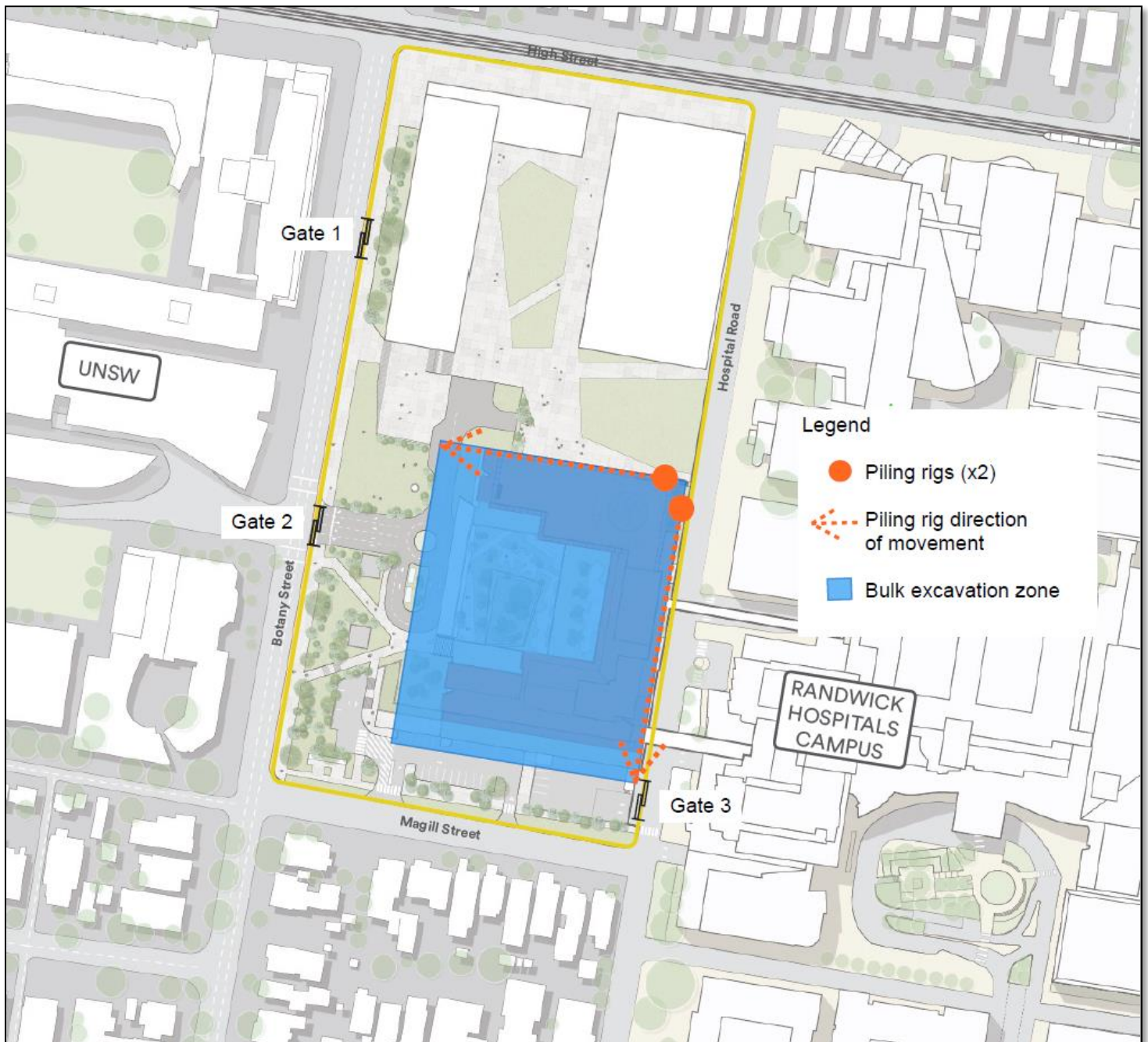
We thank you for your patience while we progress this important work.

Getting in touch


We encourage you to get in touch with us if you have any questions, feedback or complaints, please:

- Call 1800 571 866 (24hrs)
- Visit our project website www.randwickcampusredevelopment@health.nsw.gov.au
- Email the team randwickcampusredevelopment@health.nsw.gov.au

Site Map



The site map above shows the general direction the two piling rigs will work on site.

 For an interpreter, call 131 450 and ask them to call 1800 571 866.

For more information visit www.randwickcampusredevelopment.health.nsw.gov.au
Call 1800 571 866 Email randwickcampusredevelopment@health.nsw.gov.au