

## Construction Cranes Factsheet

The NSW Government is investing \$720 million to redevelop the Prince of Wales Hospital and strengthen Randwick as a world-leading centre for health and wellbeing, research, education and teaching. An Acute Services Building will be built in Stage 1 including a new adult emergency department, extra beds, intensive care unit, and new operating theatres for the campus.

### Tower cranes

To support construction of the new Acute Services Building structure, two tower cranes will be used on site, one north and one south of the new hospital building.

The **Construction Site Plan (right)** shows the crane locations, as well as the area the crane will 'weathervane' over adjacent roads and properties.

These two crane locations will allow materials to be efficiently and safely lifted over the construction site.

Lifting will only occur over areas of site that are bound by site hoarding. Lifting over areas external to site is not permitted.

Due to the site's proximity to the airport, hammerhead cranes will be used on this construction site. Hammerhead cranes have a fixed horizontal jib arm. The jib arm can rotate 360 degrees around the tower.

### How long will they be in use?

The two tower cranes will be in operation from late 2019 until early 2021.

### What is weathervaning?

When the cranes are not in use the arm of the crane will move with the direction of the wind like a weathervane.

Crane 'weathervaning' is safe and occurs on construction sites around Sydney. During weathervaning the hook will be tied and no lifting of materials will occur.

### Site map



### Legend

