



DEMEX
Demolition | Excavation | Remediation

FORMER ORANGE BASE HOSPITAL

AUGUST 2017 - AUGUST 2018

CLIENT: PBS BUILDING (ACT)

CONTRACT VALUE: \$3.3 M

DEMEX was engaged as the sole contractor for demolition of the former Orange Base Hospital; a project which included an extensive hazardous material removal program including large quantities of heavily vandalised friable asbestos pipe insulation across the site, lead contaminated dust, and underground storage tanks (UST). The DEMEX hazmat removal team worked closely with the independent licensed asbestos assessor to remove the extensive list of hazardous materials to facilitate the safe demolition of structures.

The demolition works included a complete site clearance of the 23,000m² city block. The client prepared methodology required craning an excavator to the top of the 6-storey structure for a top down demolition, however DEMEX's demolition approach utilising our 62T high reach demolition excavator allowed the

demolition to be completed from the ground more quickly, cost effectively and more importantly, more safely.

Upon completion of the demolition works and excavation of the basement area, large scale legacy contamination was identified in the soil. Working with the onsite environmental scientist, approximately 10,000 tonne of asbestos impacted soil was safely removed from site. Following the remediation works, the site underwent a validation sampling program to ensure the site was safe for future land users.

To reach the projects recycling targets, 23,000 tonne of concrete was crushed, processed and stockpiled onsite for reuse.