

# Case Study

Universities & Education



## Post Mortem & Production Animal Hospital Tāwharau Ora, Massey University's School of Veterinary Sciences

**Completion Date:** 2022

**Location:** Palmerston North

**Services:** Lead Consultant & Specialist  
Laboratory Architects

The Post Mortem and Production Animal Hospital facility at Tāwharau Ora, Massey University's School of Veterinary Sciences, replaces the aged infrastructure and outdated facilities with state-of-the-art teaching and research facilities designed to maintain Massey University's standing as a world-class veterinary school.

Lab-works Architecture, as lead design consultant, has worked closely with the university to provide a purpose-built facility that both meets the key project requirements and incorporates cutting-edge equipment and systems that will represent a new benchmark in the university's facilities. This complex project, involving multiple stages and temporary configurations, was designed to be constructed in such a manner as to ensure the university's operational capacity was not compromised during the demolition of the existing Post Mortem facility and the construction.





The Post Mortem facility is intended to replace the existing Post Mortem facility constructed in the 1960s. With the emphasis on improving health and safety, and process methodology through design and equipment integration, the space incorporates a large, PC2-capable Post Mortem wet room, with an adjacent viewing gallery and ancillary research spaces. The viewing gallery and Post Mortem spaces are connected via a large viewing window and an integrated AV system, designed to augment and enhance the teaching and presentation process. Built-in equipment, such as the overhead electric monorail gantry system, large hydraulic tables, and centralised washdown system enables the University to streamline its operational procedures safely and efficiently.

The Production Animal Hospital has been designed to provide the university with a fully flexible solution for the safe handling and housing of farm animals. This space replaces an outdoor yard and pen area and will incorporate office spaces, dedicated storage areas, a surgical area connected to the Post Mortem facility by the overhead gantry, and a number of pens of varying sizes. These spaces will be contained within the building envelope, providing the necessary levels of privacy, whilst also incorporating passive lighting and ventilation service strategies.

The project has been a collaboration between Lab-works Architecture, CCM Architects, WSP (building services), and Calibre Consulting (structural & civil).

