



Australian Government

Department of the Environment and Energy

Australian Antarctic Division

Mawson Research Station

Capacity for scientists

Mawson Research Station's current maximum summer capacity is 41 people.

Capability for Science

Mawson Research Station are currently refurbishing clean and wet lab areas and office space for use by researchers with a delivery expectation for Christmas 2018.

Equipment and instrument information is available on the AAD website. Space and lab capabilities from 1 Jan 2019 are summarised in Appendices A and B.

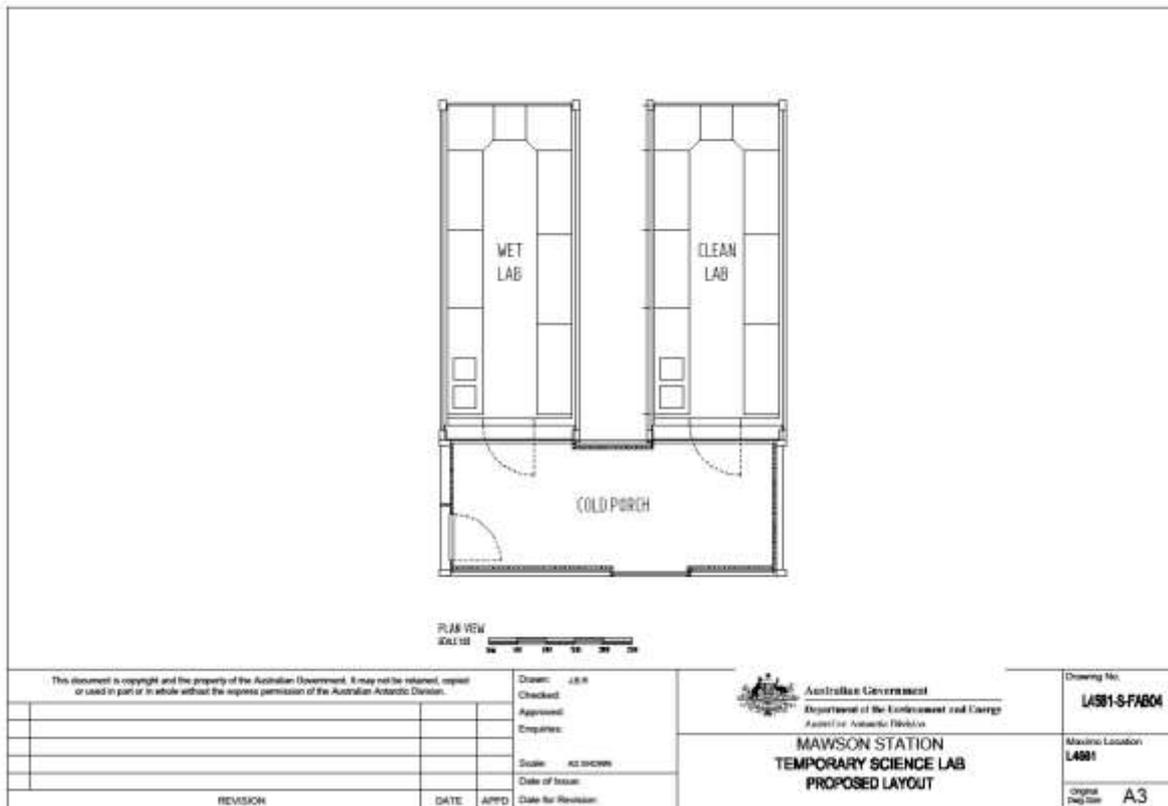
The new science building is located across the road from the Aeronomy building and has been constructed from two ex-marine-science 20-foot containerised labs. These two containers (a wet lab space and a clean lab space) along with a third (as a cold porch/services/storage area) have been permanently installed and joined together to form a single science-purposed building. This science lab will have power, data, heating, water and waste water services and provide basic wet-lab facilities for up to 6 people.

The Aeronomy building is also being reconfigured to provide office space for up to 10 people. This is intended to be of use as science office space. In close proximity, the new science lab and the refurbished Aeronomy space will form the new science work space on station.

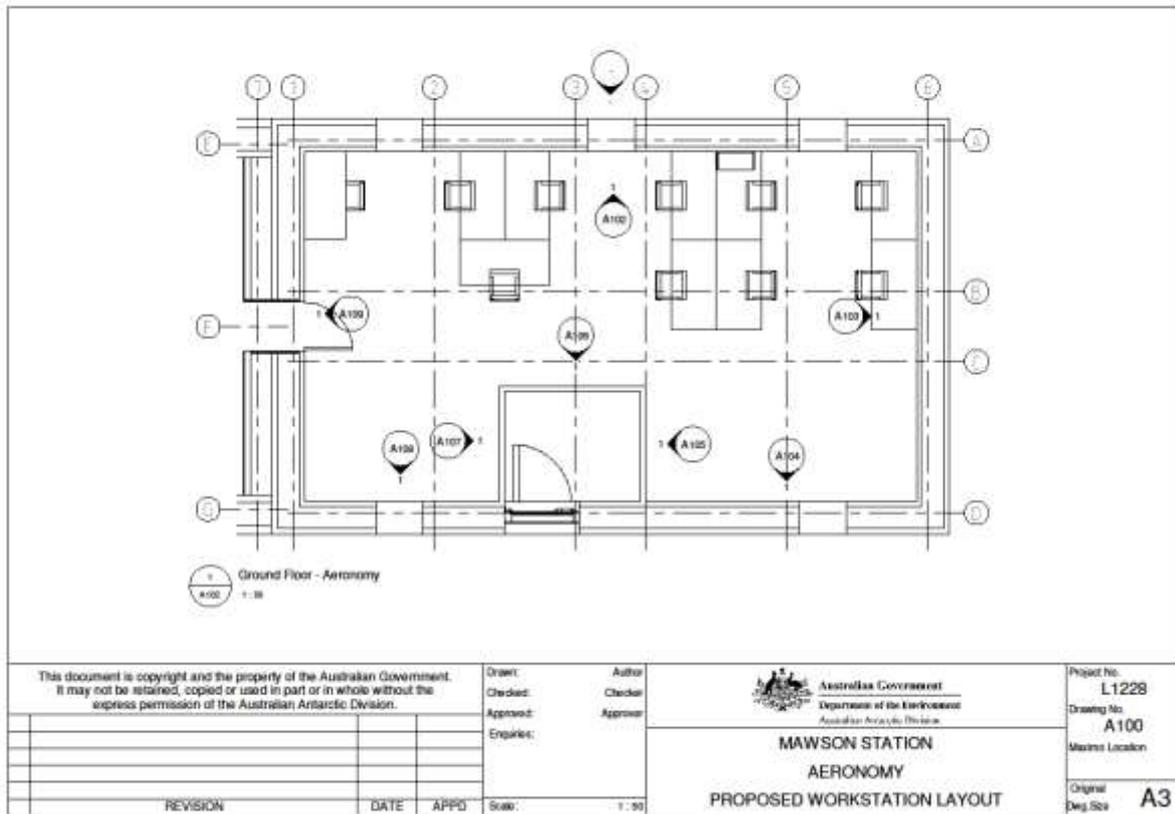
The existing science building "Wombat" will be decommissioned (pending ultimate removal) once the new lab and the Aeronomy reconfiguration are complete.

There are no other future plans for science facilities at Mawson Research Station.

Appendix A: Mawson Research Station Science Capability (science labs-schematics)



Mawson Research Station Science Capability (science offices-schematic)



Appendix B: Mawson Research Station Science Capability (science buildings and spaces-photos)



White container is entry/cold porch and blue containers are wet and clean lab spaces. The space between the two lab containers will have shelving and storage. Entire interior will be insulated.



White building is Aeronomy space. Has been cleared of astrophysics equipment and will be re-fit with 10 office spaces. This building also contains kitchen and toilet facilities.