

May 25, 2020

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Locked Bag 5022, Parramatta NSW 2124

Attention: Marcus Jennejohn  
By email: [marcus.jennejohn@planning.nsw.gov.au](mailto:marcus.jennejohn@planning.nsw.gov.au)

Dear Marcus,

**Re: Museum of Applied Arts and Sciences response - MP 06\_0162 Barangaroo Concept Plan MOD 10 and Proposed Amendment to State Environmental Planning Policy (State Significant Precincts) 2005**

The Museum of Applied Arts and Sciences operates Sydney Observatory as an active public museum and education facility, with a program of highly successful public and educational programs and tours centred on telescope viewing experiences of the night sky.

The Museum of wishes to raise two potential areas of impact on Sydney Observatory from this modification, specifically the proposal to increase the Concept Plan maximum height on the Building Envelope Plan for R4B from RL 210 to RL 235 (+ 25 m). The potential areas of impact are Sky View Loss and Light Spill.

**Sky View Loss**

The Sky View Impacts document outlines further restrictions that the 25m increase in height of Building R4B would place on the viewing of sky objects of interest from Sydney Observatory, including:

- The Jewel Box Cluster (open star cluster)
- The Southern Cross
- The Pointers (Alpha and Beta Centauri)

**Light Spill Impact**

The Museum acknowledges that the potential light spill impact of this development on astronomical observation from Sydney Observatory has been considered as part of the original Development Consents (SSD 6965 and SSD 6966) which require that a Lighting and Light Spill Report to be prepared in consultation with Sydney Observatory, including recommendations and mitigations (where necessary) to mitigate light spill impacts. The Museum notes that the proposed increased height will potentially create a higher level of light spill impact, which will need to be mitigated through this process.



We would appreciate the opportunity to work collaboratively with the proponent to ensure impacts on Sydney Observatory from Sky View Loss and Light Spill can be mitigated to the greatest extent possible.

If you require additional information or wish to discuss this matter further, please do not hesitate to contact myself or James Rongen-Hall at [james.rongen-hall@maas.museum](mailto:james.rongen-hall@maas.museum).

Yours sincerely

Lisa Havilah  
Chief Executive

