

Your ref ATP Building 2
Our ref 245977-00
File ref 245977-00

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To Whom It May Concern

12 September 2017

Dear Sir/Madam

ATP Building 2 – Travelator connecting Building 2 and Locomotive Workshop Fire Engineering Letter supporting Section 96

This letter concerns the fire safety design of Building 2 at Australian Technology Park (ATP), Sydney, for which Arup are the fire engineering consultants.

An opening is proposed to be provided in the vertical basement retaining wall of Building 2. The opening will be used in the future to connect Building 2 and the adjacent, proposed future Locomotive Workshop re-development.

The connection between Building 2 and the Locomotive workshop will be fully enclosed and is being designed under the scope of the Locomotive workshop design team and fire engineer. This letter addresses the impact of the connection on Building 2.

Based on our review of the proposed travelator plans (by Sissons Architects, dated 01/08/2017), we believe that a satisfactory level of life safety to Building 2 occupants can be maintained by providing an active fire separation system (located approximately in line with the basement retaining wall) to separate Building 2 and the connection in the event of a fire. The method of fire separation will also accommodate egress provisions from the internal travelator connection.

It is considered that a combination of Deemed to Satisfy compliance and performance based fire engineering can be used to demonstrate compliance with the Performance Requirements of the BCA without major changes to the current design. We therefore believe that there are no significant issues that would affect the building design arising from fire safety and hence no impediments to the approval of a Section 96 modification for the project.

Yours faithfully



James Ward
Fire Engineer
cc Rob Fleury – Arup