

AVA Register for Private/Quasi-Government Projects
Project Description

Submitted to : *Town Planning Board*

Submitted in : 2Q 2014

<p>1. Project Title</p>	<p>Air Ventilation Assessment for The Potential Campus Expansion at Ho Man Tin Slope for The Hong Kong Polytechnic University 擬議香港理工大學新校舍擴建 九龍何文田忠孝街/愛晨徑</p>
<p>2. Project Reference</p>	<p>AVR/P/15</p>
<p>3. Project Proponent</p>	<p>The Hong Kong Polytechnic University</p>
<p>4. Outline of Project Details (attach location plan)</p> <p><i>Please include key development parameters e.g. site area, total GFA, building height, lot frontage for waterfront sites etc. relevant to the project and the relevant criteria for AVA set out in para. 4.</i></p>	<p>The Project is to carry out Air Ventilation Assessment for the proposed campus expansion at Ho Man Tin Slope to assess air ventilation performance of the building design and its impact to the surrounding pedestrian accessible locations.</p> <p>Site Area: 12,000m² Total GFA: 43,400m² Building Height: up to +86.3mPD No. of blocks: 2</p>

5. Select the following category(ries) which would be applicable to the project :

(Please mark ALL relevant categories)

- Comprehensive land use restructuring schemes, including schemes that involve agglomeration of sites together with closure and building over of existing streets.
- Area-wide plot ratio and height control reviews.
- Developments on sites over 2 hectares and with an overall plot ratio of 5 or above.
- Development proposals with total Gross Floor Area exceeding 100,000 square metres.
- Developments with podium coverage extending over one hectare.
- Developments above public transport terminus.
- Buildings with height exceeding 15 metres within a public space or breezeway designated on layout plans / outline zoning plans or proposed by planning studies.
- Undeveloped waterfront sites with lot frontage exceeding 100 metres in length.
- Extensive elevated structures of at least 3.5 metres wide, which abut or partially cover a pedestrian corridor along the entire length of a street block that has / allows development at plot ratio 5 or above on both sides; or which covers 30% of a public open space.
- Others, please specify

6. Details of the AVA conducted for the project	
<i>(The AVA report, 3 hard copies and an electronic copy in Acrobat format, is to be attached for record)</i>	
(a) AVA Consultants (if any)	Allied Environmental Consultants Limited
(b) Time (start / finish)	February 2013 – April 2014
(c) Assessment tool used (CFD or wind tunnel)	CFD
(d) What were the major changes to the design of the project resulting from the AVA?	<ul style="list-style-type: none"> • Increase in building permeability; • Reduction of building bulkiness; • Building orientations; • Increase in building setback distance from nearby breezeways and air path; • Increase in separation distance between buildings within site.
7. Disclosure of information to the public	
Does the project proponent consent to release the AVA report for public inspection?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Does the project proponent consent to release information in this AVA proforma for public inspection?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
8. Contact	
(a) Name	██████████
(b) Designation	██████████████████
(c) Tel.	██████████
(d) E-mail	██████████████████