

Task Force on Harbourfront Developments on Hong Kong Island

For discussion
on 15 September 2014

TFHK/11/2014

Shatin to Central Link Exterior Design of the West Ventilation Building of the Exhibition Station

PURPOSE

This paper updates members on the exterior design of the west ventilation building (WVB) of the Exhibition Station on Hong Kong Island under the Shatin to Central Link (SCL) project.

BACKGROUND

2. The SCL comprises two railway lines: the Tai Wai to Hung Hom Section connects the Ma On Shan Line and the West Rail Line to form the “East West Corridor”; the Hung Hom to Admiralty Section extends the East Rail Line across the harbour to form the “North South Corridor”. Preparation works on Hong Kong Island have commenced progressively since June 2013 and the main construction has just started.

3. We updated the Task Force on the progress of the SCL Hong Kong Island Section on 24 October 2013. The refined design of the facilities on Hong Kong Island, taking into account comments from members, was presented. The design of the WVB has since been updated to incorporate comments from various departments.

WEST VENTILATION BUILDING OF THE EXHIBITION STATION

4. The WVB will be located on the traffic island at the junction of the future Fleming Road and realigned Convention Avenue upon completion of the reclamation under Wan Chai Development Phase II (WDII). It comprises four vent shafts, a fireman’s lift/stair access, plant rooms with ventilation fans and equipment which are mostly housed at the basement levels. The key design consideration for the WVB is to provide an architectural design that meets the operational and functional requirements of the Exhibition Station whilst ensuring minimal visual impact.

5. The bulk of the operational rooms are within basement to minimize the massing of aboveground structure. The proposed height of the aboveground structure is approximately 5m above the mean site level.

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The planar area of each vent shaft is about 36m² (6m x 6m). These are based on necessary minimum design and statutory requirements for railway ventilation.

6. The WVB is surrounded by terraced landscape planters that will soften and reduce the building bulk with soft landscape thus visually enhancing the appearance.

7. The selected soft landscaping works are colourful which can therefore add vibrancy and skirt the façade with a mix of colour, providing visual interest as well as screening effect to the vent shafts. The building will have an extensive green roof that will create an impression of a green landscaped island when viewing from above.

ADVICE SOUGHT

8. Members are invited to note the content of this paper.

**Highways Department
MTR Corporation Limited
September 2014**

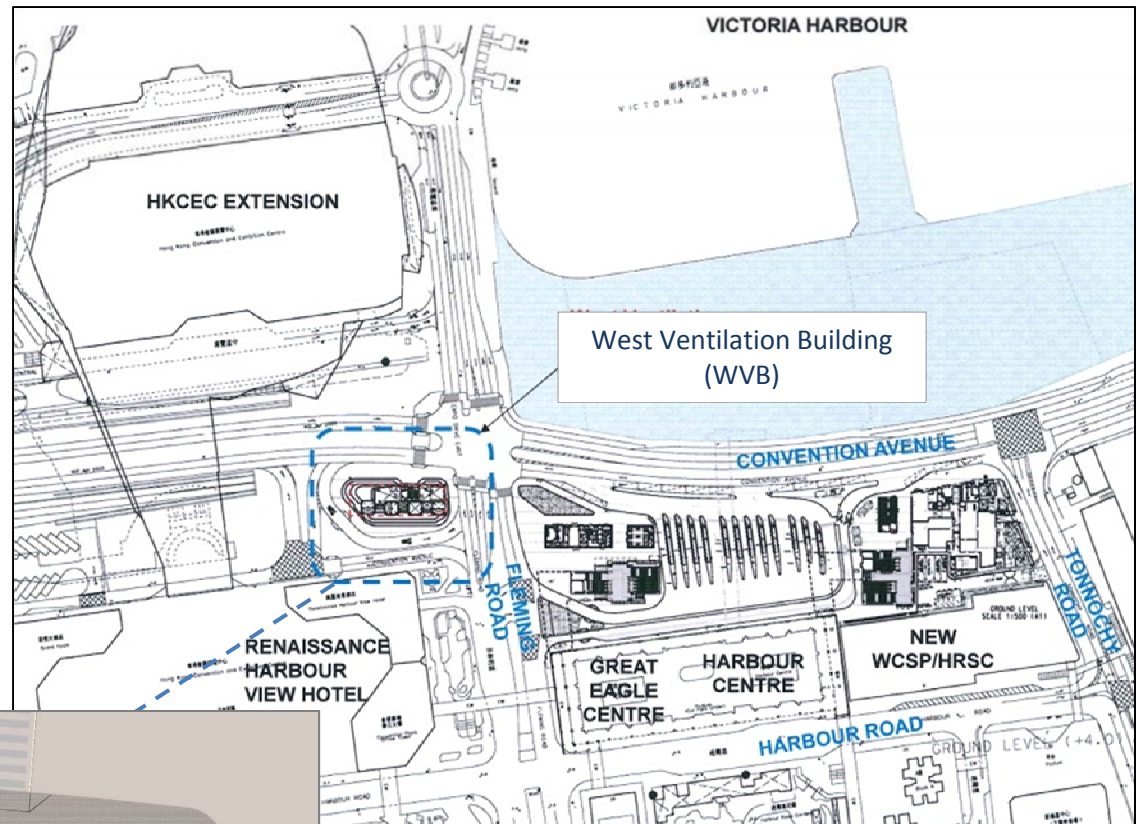
Attachments

Annex 1 – Location Plan of the West Ventilation Building

Annex 2 – Photomontage of the West Ventilation Building

Annex 1

Location Plan of the West Ventilation Building



Annex 2

Photomontage of the West Ventilation Building

