

Summary of Decisions of the Structural Engineer
SEC 12/2013 held on 13.12.2013

(a) Case 12/2013

Issue: Methodology Report for Wind Tunnel Test

Recommendation: To accept the following methodology and parameters proposed for wind tunnel test of the proposed development:

- (1) Topographic Model
Model scale: 1: 4000
- (2) Proximity Model
 - (i) Model scale: 1: 400
 - (ii) Extent of model: all known existing and proposed surrounding buildings and structures within a radius of 500 m from the subject site will be modeled.
- (3) Wind Climate Study Results
Directional characteristics of typhoons affecting HK based on a Monte Carlo simulation of storms passing within 250km of HK.
- (4) Possible removal of adjacent buildings that could provide significant shelter
Twenty-two building groups were proposed to be removed in the Proximity Model.

Decision: Having noted the background information and arguments, members endorsed the recommendation subject to refinement in the determination of the buildings to be removed in the Proximity Model.