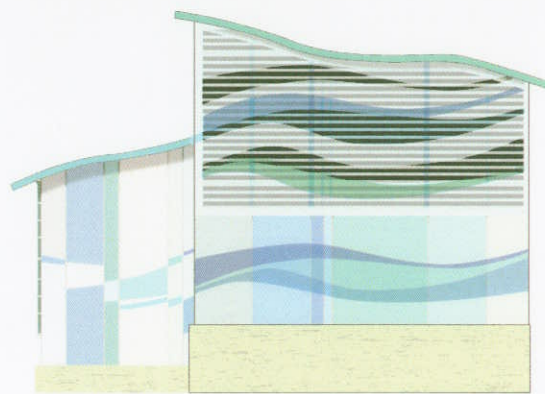
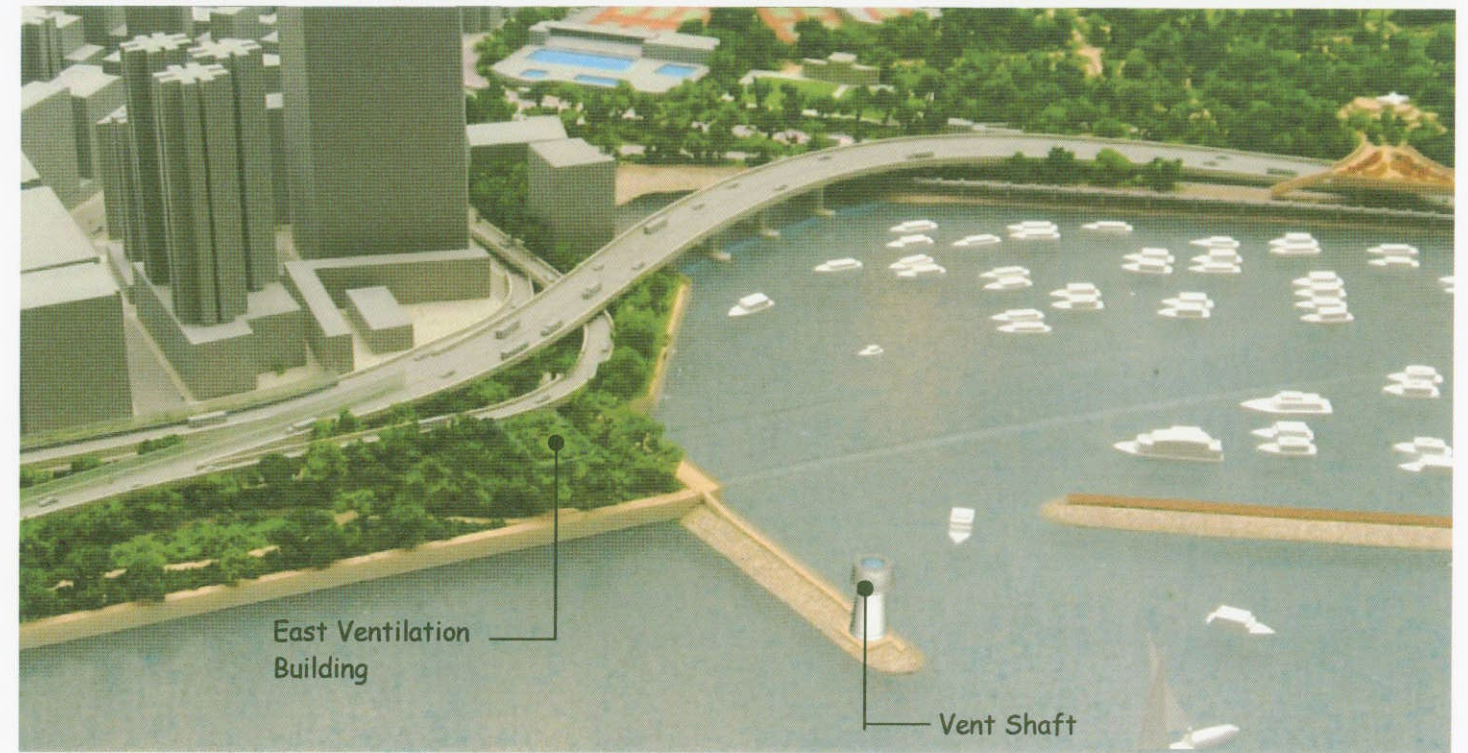
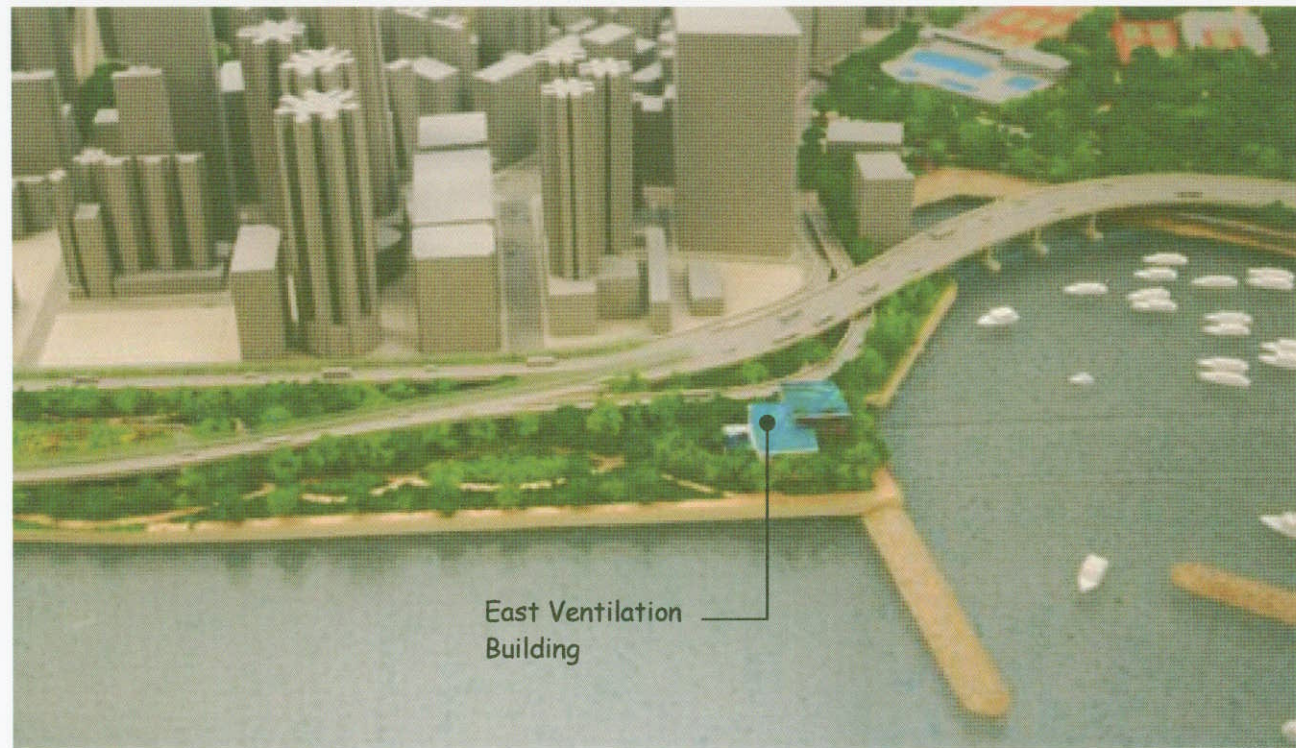
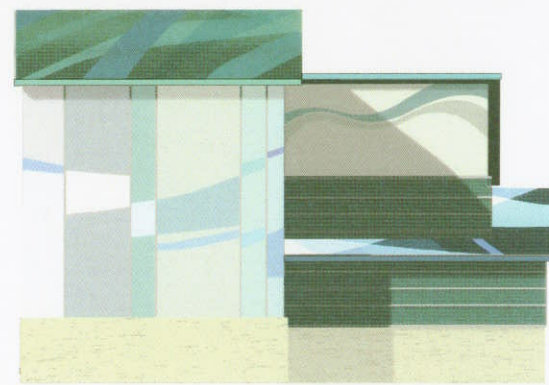


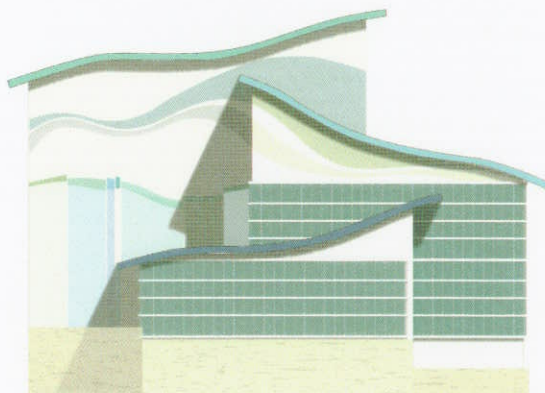
Appendix 10.1
Alternative Options for East Ventilation
Building and its associated Vent Shaft
and Central Ventilation Building



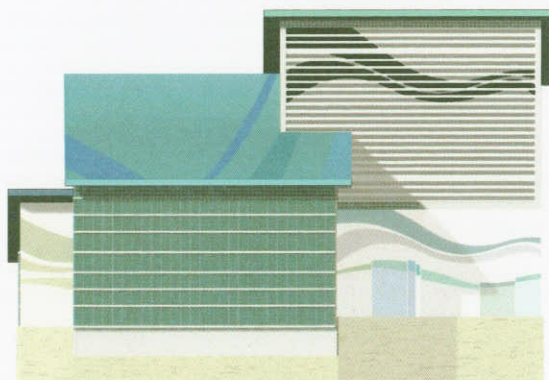
West elevation



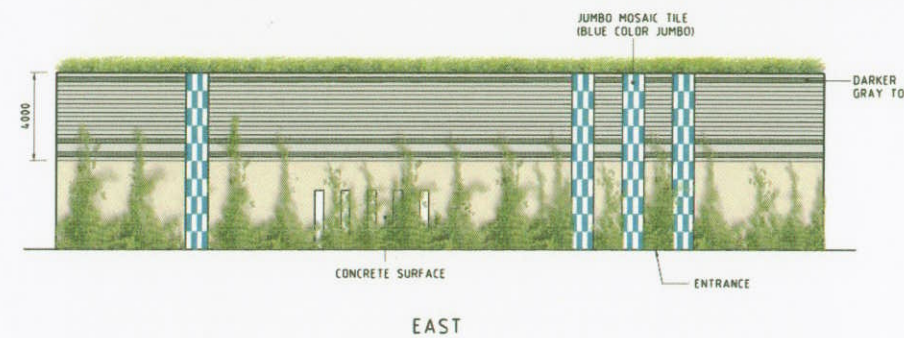
South elevation



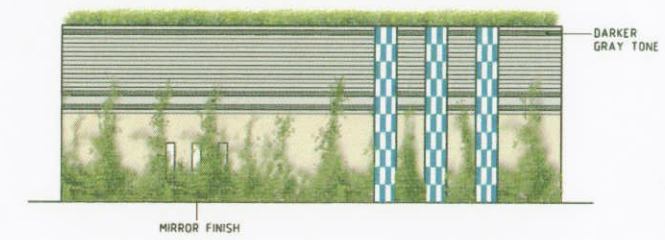
East elevation



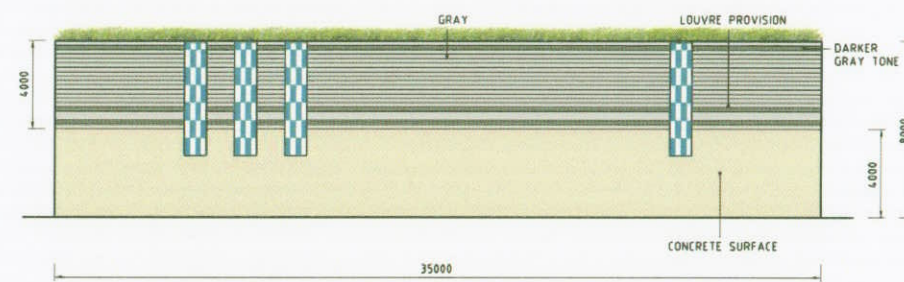
North elevation



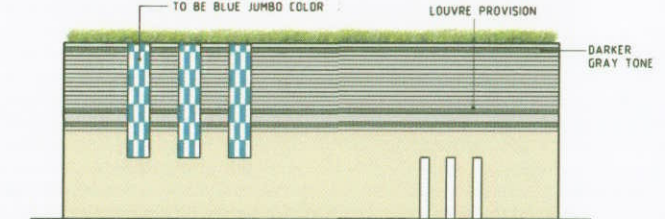
EAST



SOUTH



WEST



NORTH

Alternative Option of East Ventilation Building

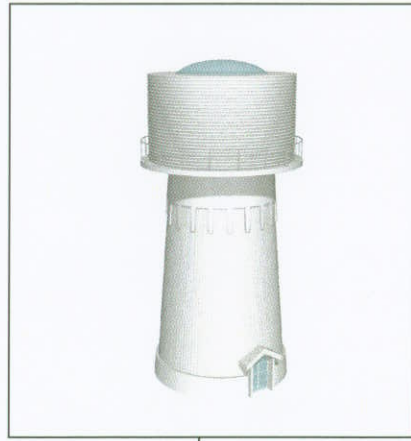
- Building height of approximately +25mPD
- Floor Area of approximately 1510m²

Preferred Option of the East Ventilation Building

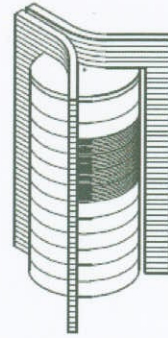
- Building height reduced to +12.5mPD
- Floor Area of the building is reduced to approximately 770m² (above ground) with an additional area of 805m² for a basement (below ground)
- The exhaust is separated from the Building and located to a vent shaft at the eastern breakwater of CBTS
- Landscaped roof
- Trellis with climbers on the east and south façade of building

Alternative Options for the East Ventilation Building

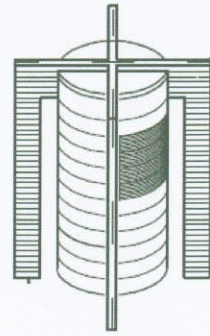
Option 7



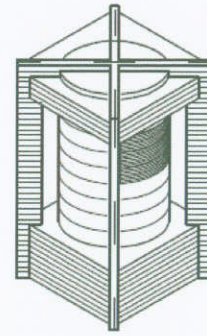
Option 6



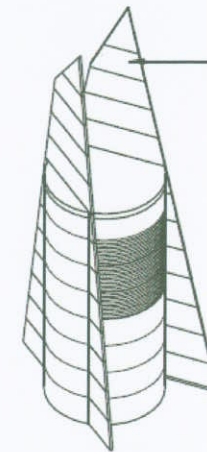
Option 5



Option 4



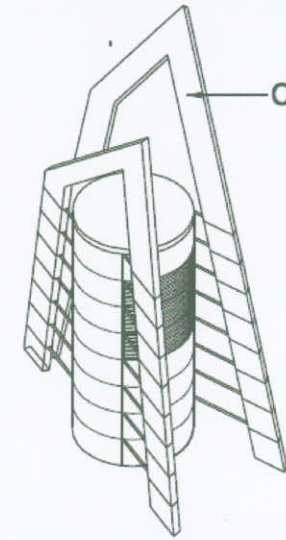
Option 3



Option 2



Option 1



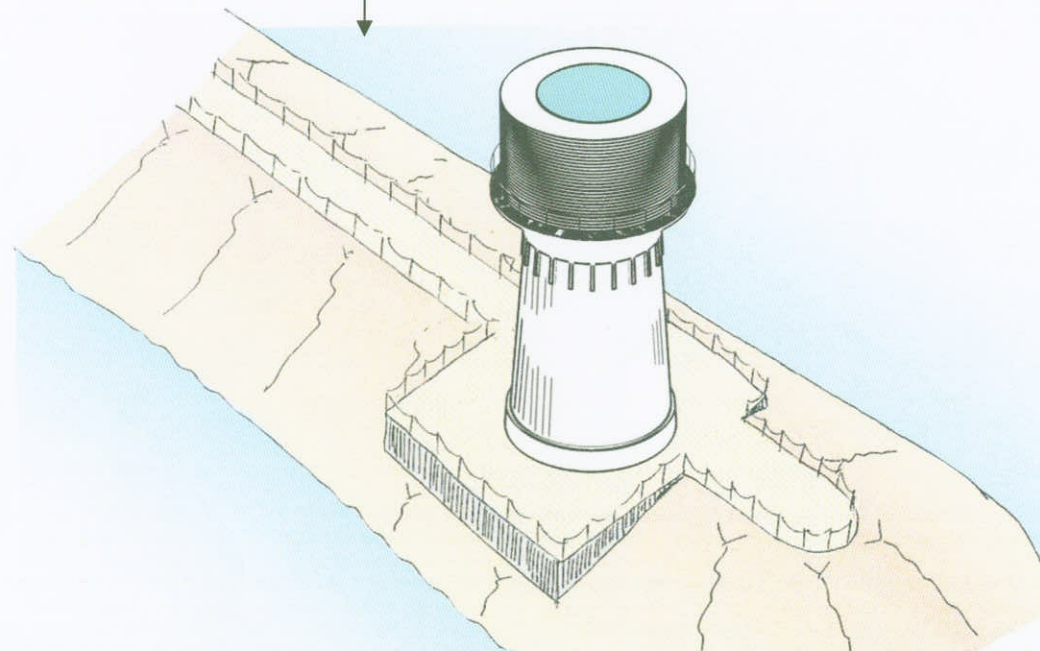
Dark metallic finish

Concrete structure

Vent Shaft in aluminium louvre
HK in concrete

Various designs for the Vent Shaft - numbering from right to left:

1. Sculpture (idea from the shape of the famous HK fishing junk sails) to frame the circular vent shaft.
2. Literally using the "HK" alphabets as the facade of the vent shaft.
3. Sculpture (idea from the shape of flat planes instead of junk sails) to frame the circular vent shaft.
4. Using strong geometric form to create a "Civic Sculpture" to down play the vent shaft image - option 1.
5. Using strong geometric form to create a "Civic Sculpture" to down play the vent shaft image - option 2.
6. Design development of 5 using 2 fins to lighten up the form and create variation to the viewers at different angle.
7. A lighthouse deign which matches the future harbour environment to achieve visual uniformity.

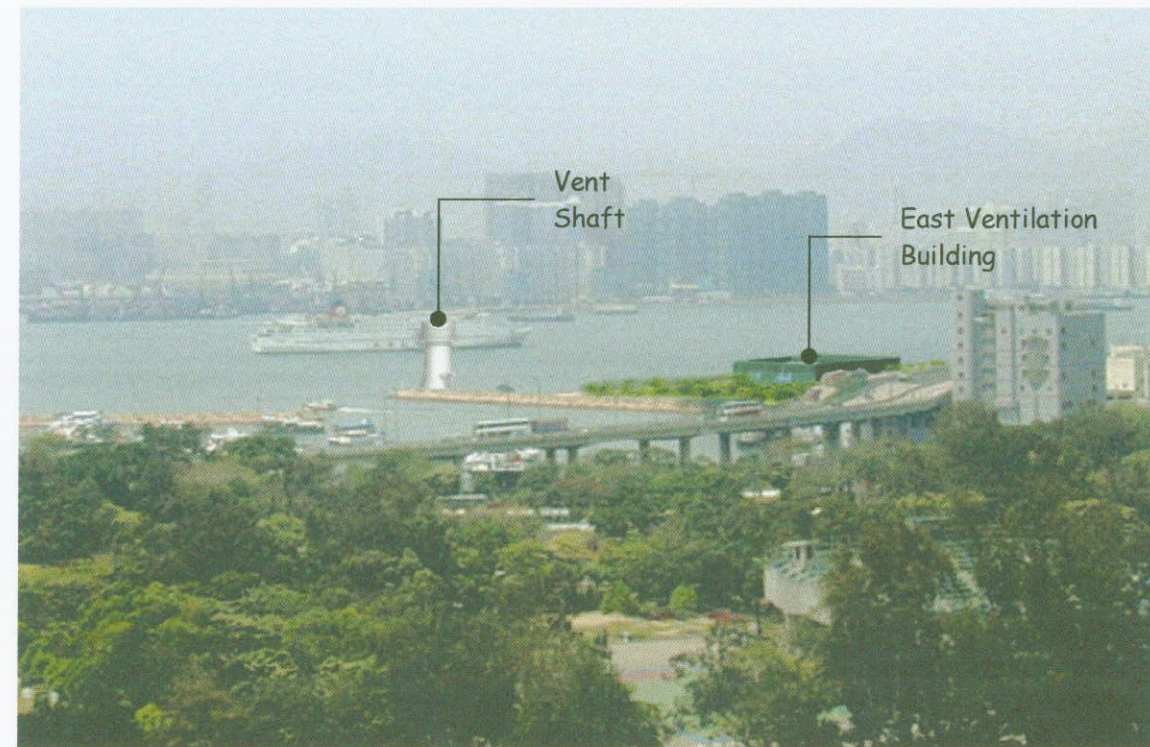


Schematic Design of Vent Shaft at Breakwater in Causeway Bay Typhoon Shelter

Preferred Option of the Vent Shaft

Option 7 is preferred in view of its compatibility with the future harbour environment. It shows a possible appearance of the vent shaft which can be further developed based on the following design criteria for visual mitigation for vent shaft:

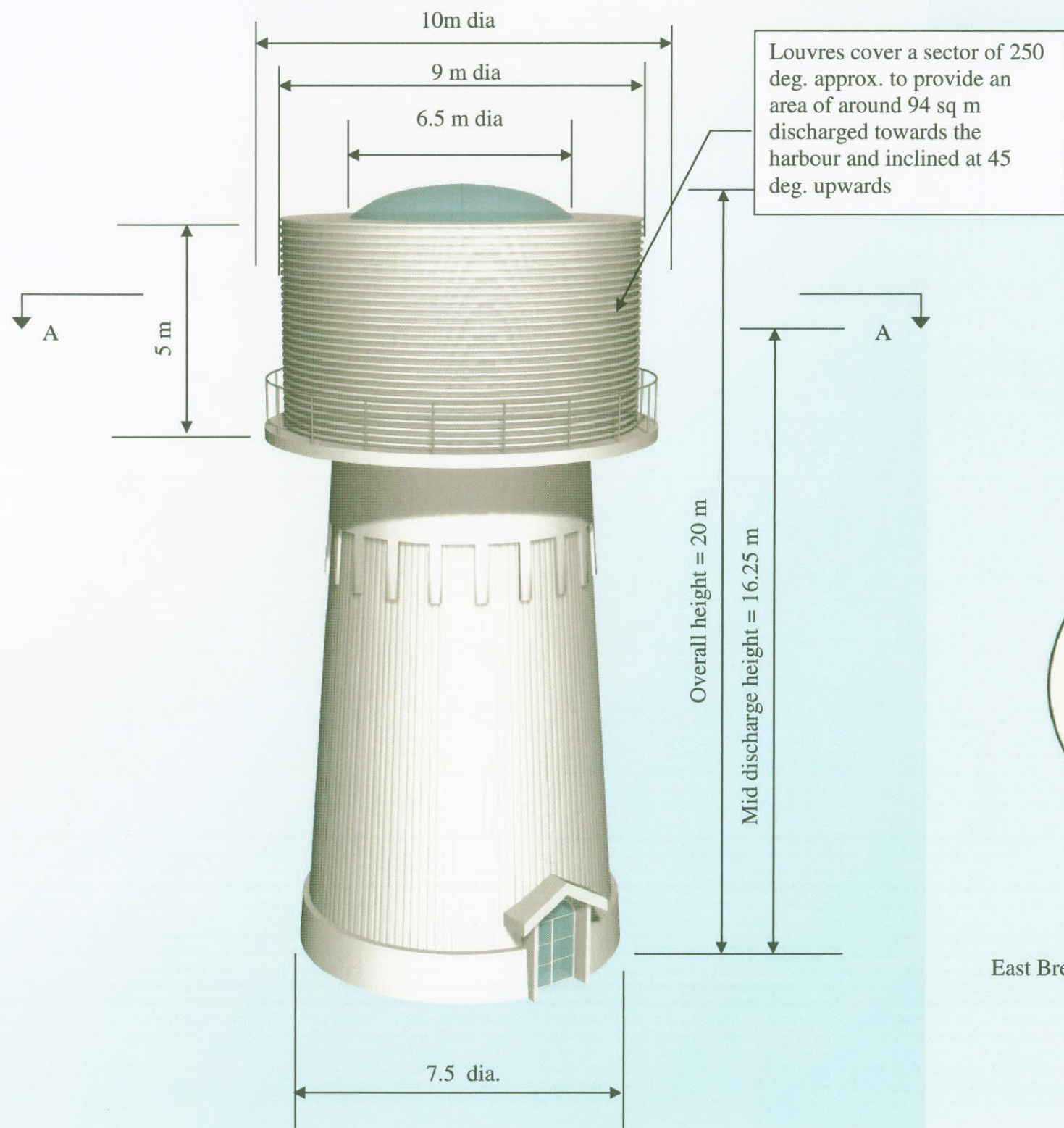
- The Vent Shaft shall be designed with a compatible disposition, form, colour and finishing to create a harmonious visual relationship with the Harbour.
- Finishing materials shall have sensitively design in form, basic colour, colour/ tone variation, micro- and macro- texture, and reflectivity/ light absorbance to avoid glare.
- The design of the vent shaft shall be at 25mPD at maximum.



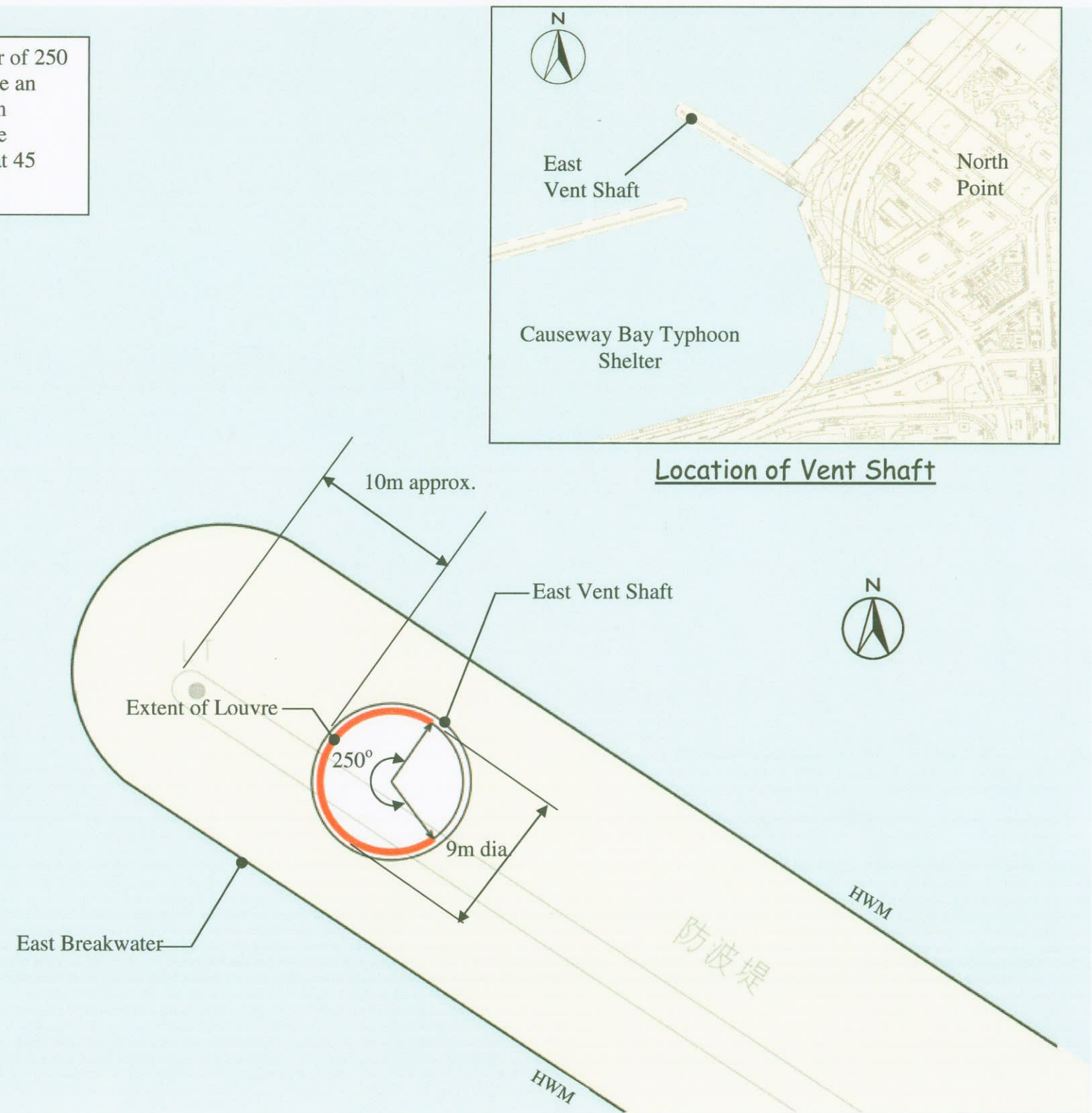
Photomontage showing the view from Causeway Bay to North Point

Preferred Option of the Vent Shaft

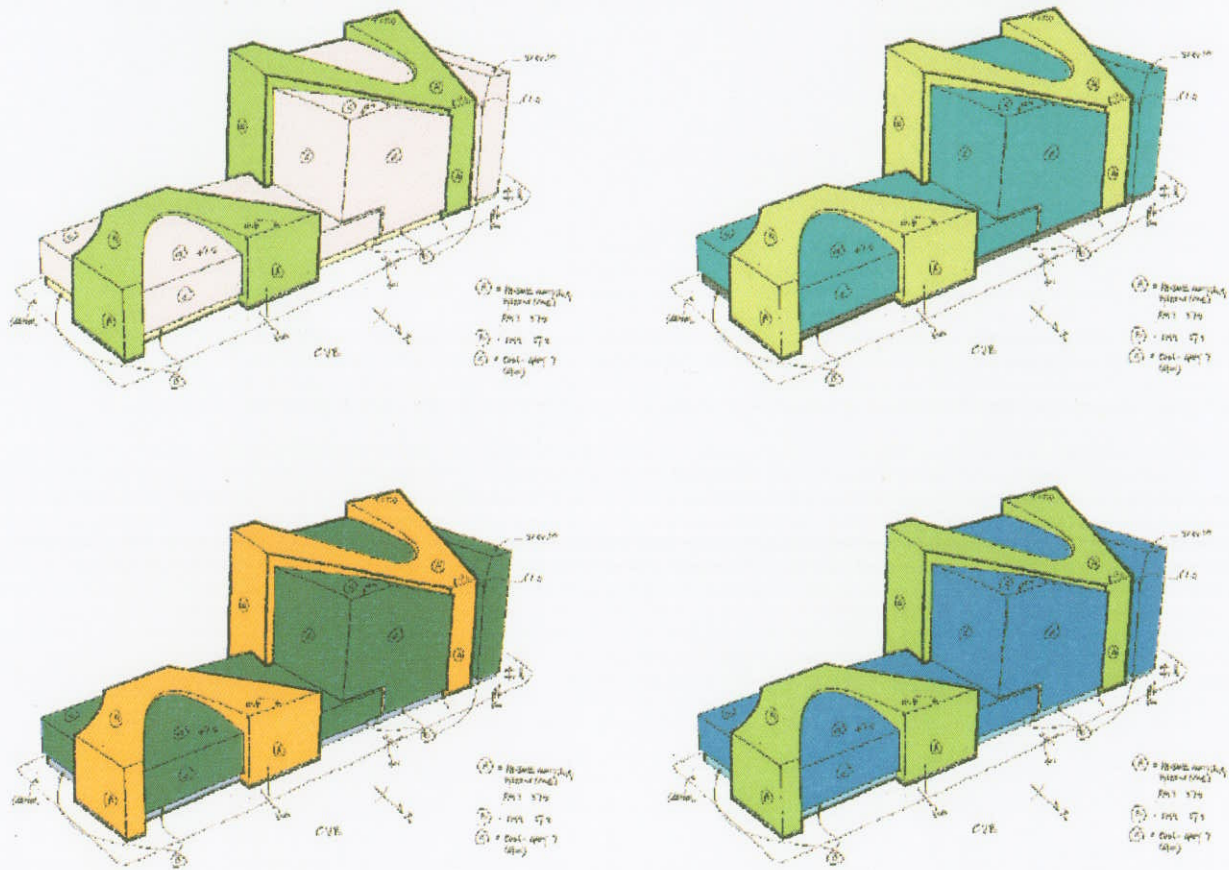
Alternative Options for the Vent Shaft



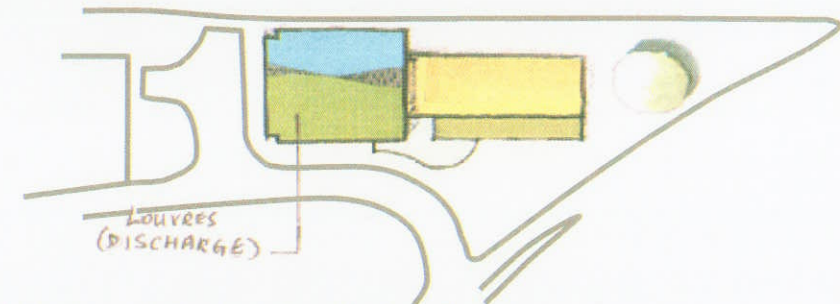
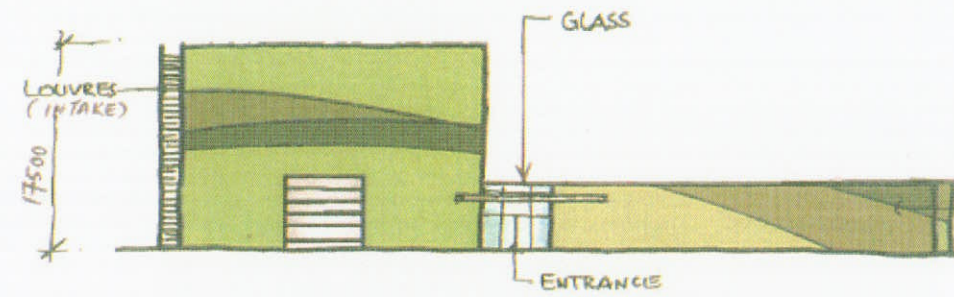
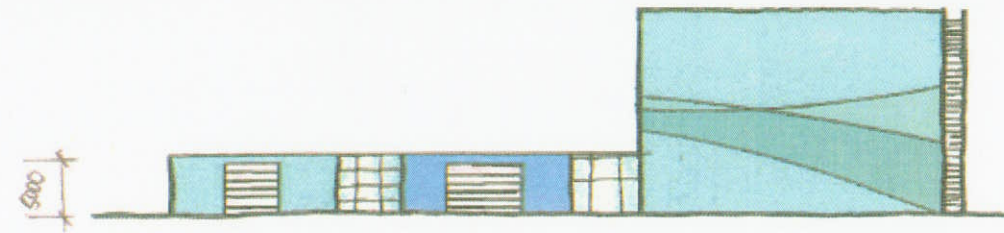
Approximate Dimensions of the Vent Shaft



Section A-A



Alternative Options of Central Ventilation Building



Preferred Option of Central Ventilation Building

Alternative Options for the Central Ventilation Building