

Addition of Lifts and Escalators in Housing Authority's Existing Public Rental Housing Estate

Progress Report

Background

- Last report: meeting in January 2009
- To cater for the need of Public Rental Housing (PRH) tenants in using barrier-free access, in particular the elderly and the disabled.
- Improvement works include :
 - providing new lifts, escalators and footbridges in external areas;
 - adding lift towers in existing PRH blocks which were built without lift service;
 - modernising aged lifts which are currently in use.

Addition of Lifts, Escalators and Footbridges in External Area

Current Stage of Work	Estates
Completed	Kwai Chung Estate (except near Block 4), Sai Wan Estate, Kwai Shing East Estate
Under Construction	Kwai Chung Estate (near Block 4), Shek Lei (II) Estate (near Shek Wai House)
Design	Kwai Shing West Estate, Tin Wah Estate, Lei Muk Shue (II) Estate, Shek Lei (II) Estate (near Block 8), Tsz Lok Estate (Phase 1), Shun Tin Estate, Ping Tin Estate, Oi Man Estate, Yiu Tung Estate, Wah Fu (I) Estate, Wah Fu (II) Estate, Cheung Ching Estate, Cheung Hong Estate, Cheung Hang Estate, Lai King Estate
Feasibility Study	Lai Yiu Estate

Addition of Lifts, Escalators and Footbridges in External Area

- ❑ Completed the addition of lift towers in 3 estates – Kwai Chung Estate, Sai Wan Estate, Kwai Shing East Estate



Kwai Chung Estate

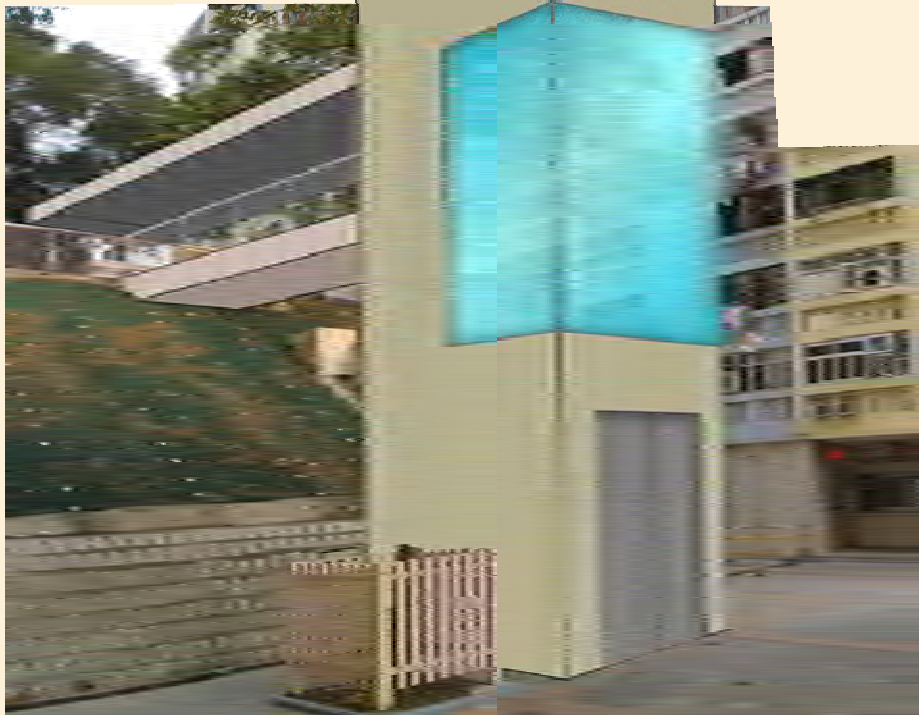


Kwai Shing East Estate

Addition of Lifts, Escalators and Footbridges in External Area

- Design work is being conducted in 15 PRH estates

Wah Fu Estate



Lai King Estate

Addition of Lifts in Existing PRH Blocks

Current Stage of Work	Estates
Completed	Tai Hing Estate
Under Construction	Yue Wan Estate, Lei Muk Shue (II) Estate (Block 4), Shui Pin Wai Estate
Tender	Choi Hung Estate
Design	Lei Muk Shue (II) Estate (Block 1), Shun On Estate, Ping Shek Estate, Wo Lok Estate, Pak Tin Estate, Fuk Loi Estate, Kwai Shing West Estate (Block 7)
Feasibility Study	Kwai Shing West Estate (Block 2 & Block 4) , Lek Yuen Estate

Addition of Lifts in Existing PRH Blocks



Completed
-Tai Hing Estate



Under Construction
-Yue Wan Estate

Modernisation Work for Lifts in Existing PRH Estates

- Since early 2009, we have awarded eight lift modernisation contracts involving 124 lifts in 8 PRH estates. They will be completed in phases in the next 3 years.

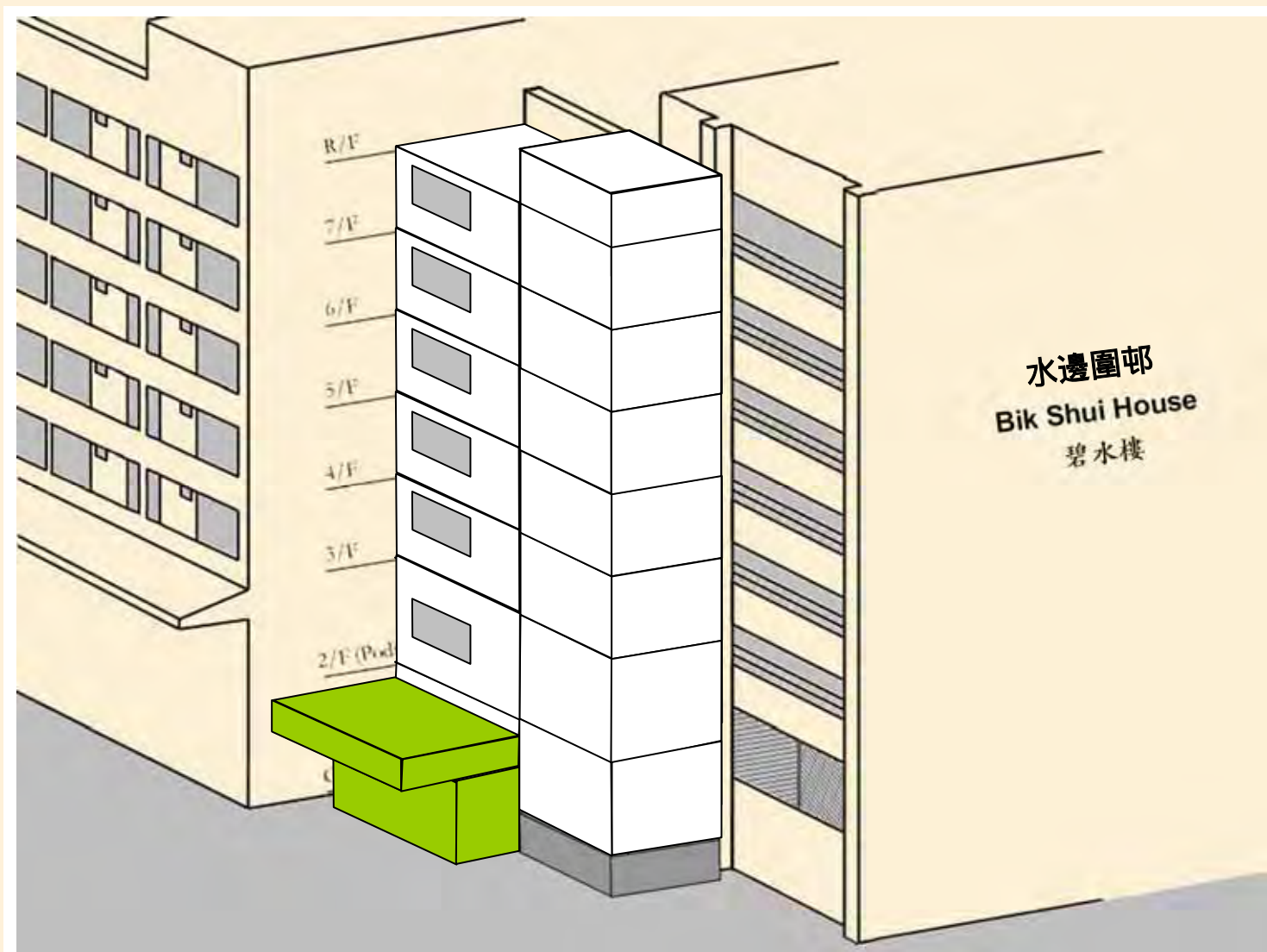
Use of New Technology

- ❑ The “Prefabricated steel lift tower construction” method and machine-room-less lift will be suitably adopted.
- ❑ Use of shallow foundations
- ❑ Minimise the construction time.
- ❑ Minimise nuisance to tenants.

New technology adopted in
Shui Pin Wai Estate



Computer Simulation for “Prefabricated steel lift tower construction”



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