



63 Nathan Road, Tsimshatsui Basement Works

Project : Development of No. 63 Nathan Road, Tsimshatsui

Client : Associated International Hotels Ltd.

Architect : Rocco Design Ltd

Engineer : Meinhardt (C&S) Ltd

Construction Period: November 2006 to January 2008

Location : No. 63 Nathan Road, Tsimshatsui (Old Hyatt Hotel)

尖沙咀彌敦道63號地庫工程

工程:尖沙咀彌敦道63號之發展項目

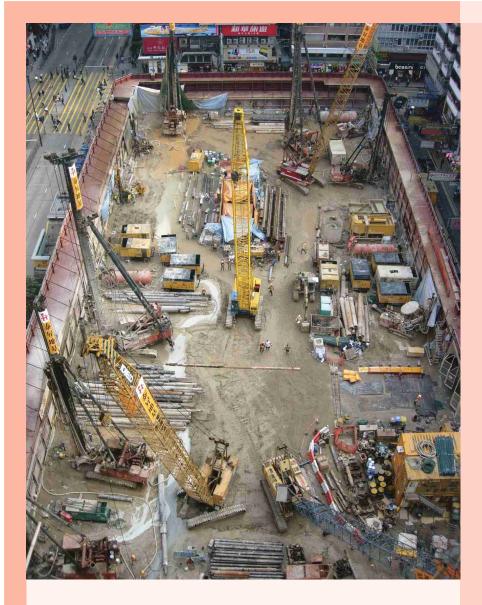
客 戶:凱聯國際酒店有限公司

建築師:許李嚴建築師有限公司

工程師:邁進土木結構工程顧問有限公司

施 工 期: 2006年11月至2008年1月

位 置:尖沙咀彌敦道63號(舊凱悦酒店)



63 Nathan Road, Tsimshatsui Basement Works

Tysan's basement works for this project including the following:

- 543 nos. pipe piles installation of average depth 25m
- 321 nos. drill holes for grout curtain to facilitate pumping test
- ELS works with preloading requirements of 1,700 tons of steel
- temporary platform (approx. 550 tons steel)
- excavation to 20m depth involving 40,000m³ soil and 20,000m³ rock
- footing construction

The works were carried out in one of the busiest part of Tsimshatsui. Two sides of the site was bordered by busy side roads, one side adjacent to Nathan Road and MTR line and the remaining side adjacent to an old building on footing.

尖沙咀彌敦道63號地庫工程

這項地庫工程包括:

- 安裝543支平均深度為25米之鋼管椿
- 涉及321個鑽孔的灌漿隔牆工序及 抽水測試
- 鋼材總重量達1,700噸的挖泥裝頂工程,當中涉及預壓法的運用
- 臨時工作台(鋼材約重550噸)
- 挖掘至20米深度,涉及40,000立方米泥土 及20,000立方米岩石
- 建造地腳

施工地點位處於尖沙咀其中一個最繁忙的 地段。地盤兩旁均被繁忙的馬路包圍,一 旁鄰近彌敦道及地鐵站;另一旁則鄰近一 座建基於地腳上的舊建築物。