

Project Title : TRIBECA CONDOMINIUM AT KIM SENG ROAD

Owner : City Development

Architect : RSP Architects Planner & Engineers (Pte) Ltd

Engineer : RSP Architects Planner & Engineers (Pte) Ltd

Main Contractor : Tiong Seng Contractors Pte Ltd

Final Sum : S\$ 1,200,000.00

Period : Aug 2007 to Sep 2007



Tribeca

**Scope of Works : 29 nos 1000mm diameter bored piles
8 nos 1000mm diameter bored piles installed in contiguous arrangement**

Pile lengths between 30m & 45m with base grouting

- Rock socket into granite bedrock between 1.0m & 2.0m.
- Coring through barrette pile over-break concrete between 14 & 16m with double casing by Bauer BG28

Sub soil condition	: 0 to 2/8m	Backfill
	2/8 to 11/15m	Marine Clay / Loose Sand
	11/15 to 15/18m	Loose to Dense Sand
	15/18 to 25/46m	Stiff to Hard Sandy Silt
	>25/46m	Moderately Weathered Granite

Stabilization fluid : polymer

Major equipment deployed :

- Boring Rigs Bauer BG28 & Soilmec R16
- Crawler Crane – 50ton
- Excavator
- Polymer plant
(tanks, silo, mixer, pumps, etc)
- ICE 416 vibro
- Casing lengths bet 12m & 18m
- Base grouting pump

Tools :

- Boring Bucket, Auger, Core Barrel, Roller Bit Core Barrel, Chisel & Cleaning Bucket

Pile Load Tests :

- PDAs

