

Project Title : MARINA BAY SANDS INTEGRATED RESORT

Owner : Marina Bay Sands Pte Ltd

Architect : Aedas Pte Ltd

Engineer : Arup Singapore Pte Ltd

Main Contractor : KTC Civil Engineering & Construction Pte Ltd

Final Sum : S\$ 583,880.00

Period : Dec 2007 to Jan 2008

Scope of Works : 59 nos 800/1000mm diameter prebore for Soldier Pile & King Post

Working platform about 10m below existing ground level

Sub soil condition	: 0 to 1/2m	Backfill (sand fill)
(from working	1/2m to 8/12m	Marine Clay
platform level)	8/12m to 16/18m	Soft to Stiff Clay
	16/18 to 23/25m	Very Stiff to Hard Sandy Clay
	> 23/25m	Very dense Clayey/Silty Sand (OA)

Stabilization fluid : nil (dry)

Major equipment deployed :

- Boring Rig : Soilmec R16 & Soilmec R618
- Crawler Crane : 50 & 80 ton
- Excavator
- ICE 423 vibro
- Casing lengths bet 18 & 20m

Tools :

- Boring Bucket, Auger, Core Barrel & cleaning bucket

