

Project Title : 12 & 18 STOREY RESIDENTIAL BLOCKS AT AH HOOD ROAD / JALAN RAJAH (CASA FORTUNA)

Owner : Springlife Land Pte Ltd

Architect : Ronny Chin & Associates

Engineer : GLT Engineers Pte

Client : Y & K Builders

Contract Sum : S\$ 1,910,000

Period : Jul 2008 to Nov 2008



**Scope of Works : 46nos of 500/600mm diameter bored pile
34nos of 800mm diameter bored pile
23nos of 1000mm diameter bored pile
26nos of 1200mm diameter bored pile**

Pile lengths approximately 25 & 40m with rock socketing into granite / sandstone bedrock upto 5m

Sub soil condition :

0 to 2/4m	M Stiff to Stiff Clayey Silt
2/4 to 12/18m	Peaty / Marine Clay
12/18 to 19/35m	V Stiff to Hard Clayey Silt / Silty Clay
> 19/35m	Granite / Sandstone

Stabilization fluid : polymer

Major equipment deployed :

- Boring Rig Bauer BG28 & Soilmec R618
- Crawler Crane – 65 ton (2 nos)
- Excavator
- ICE 423C vibro
- Polymer plant

Tools :

- Boring Bucket, Auger, Core Barrel, Rock Roller Bit Core Barrel, Chisel, & Cleaning Bucket
- Casing lengths 8/18m

Pile Load Tests :

- Kentledge & PDA

