

Project Title : PROPOSED ERECTION OF A SINGLE STOREY COLD STORAGE WITH PART OF 3-STOREY ANCILLARY OFFICE AT FISHERY PORT ROAD (ALLIANCE COLD STORAGE)



Owner : Thy Seng Trading Co. Pte Ltd

Engineer : T. H. Chuah & Partners

Main Contractor : Brilliant General Building Construction Pte Ltd

Contract Sum : S\$ 376,000.00

Period : Apr 2005 to May 2005

Scope of Works :

- 32 nos of 600mm diameter bored piles
- 27 nos of 700mm diameter bored piles
- 45 nos of 800mm diameter bored piles
- 9 nos of 900mm diameter bored piles
- 9 nos of 1000mm diameter bored piles
- 4 nos of 1100mm diameter bored piles
- 3 nos of 1300mm diameter bored piles

Pile lengths between 15 & 24m

Pile load tests : Kentledge method & PDA

| | | |
|-----------------------------|-----------------------|---|
| Sub soil condition : | 0 to 3/5m | Stiff to v stiff clayey silt |
| | 3/5 to 9/11m | Soft to m stiff peaty clay |
| | 9/11 to 12/16m | V stiff clayey silt |
| | > 12/16m | Hard to v hard siltstone / shale |

Stabilization fluid : nil (dry) & water

Major equipment deployed :

- Boring Rig Soilmec R618 & R16
- 50 ton crawler cranes
- ICE 420 vibro
- Excavator

Tools :

- Auger, bucket, core barrel, chisel, cleaning bucket
- Casing lengths bet. 10 & 13m

