

Summary of Decisions of the Structural Engineer
SEC 04/2013 held on 31.1.2013

(a) Case 04/2013

Issue: Use of jacking method to install precast prestressed spun concrete piles

Recommendation:

1. To accept the trial pile proposal for precast prestressed spun concrete pile (500mm outer diameter and 125mm thick Yang Cheng Pile) installed by jacking method. It aims to study the following :
 - (a) Installation methods to confirm the load carrying capacity of jacked PPSCP;
 - (b) Effect of construction sequence on load carrying capacity of jacked PPSCP; and
 - (c) Correlation between the shaft resistance and mean SPT N value for estimation of pile length.
2. Findings of the trial piles would be taken into account in the foundation submission for the proposed project.

Decision: Noting RSE's justification, members endorsed the recommendation.