

Summary of Decisions of the Structural Engineering Committee

SEC 03/2012 held on 07.02.2012

(a) Case 03/2012

- Issue: Use of 323mm diameter Mini-pile comprising 7 numbers of 63.5 mm diameter high strength BBV (grade 555/700) Hot Rolled Thread Bars together with BBV Straight Round coupler socketed into the rock
- Recommendation: To accept 323mm diameter mini-pile comprising 7 numbers of 63.5 mm diameter high strength BBV (grade 555/700 i.e. $f_y = 520$ MPa) hot rolled thread bars together with BBV straight round coupler socketed into the Grade III or better rock, subject to the satisfactory performance of the trial piles, in order to increase the stiffness of the pile for controlling excessive the pile cap rotation.
- Decision: Noting RSE's clarifications and making reference to previous SEC cases, members endorsed the recommendation on the condition that an appropriate pile configuration suiting the installation of BBV bars shall be adopted.