

Summary of Decisions of the Structural Engineer
SEC 03/2013 held on 31.1.2013

(a) Case 03/2013

Issue: Use of high strength BBV Systems

Recommendation:

1. The use of 50mm diameter high strength BBV System (Grade 930/1080, $f_y = 930\text{MPa}$) hot rolled thread bars as reinforcing bars without bends in the tie-back of rigid barrier and upstand wall.
2. The use of 63.5mm diameter high strength BBV System (Grade 555/700, $f_y = 520\text{MPa}$) hot rolled thread bars as steel bars without bends in the mini-piles socketed into rock.

Decision: Subject to satisfactory quality control of the works, members endorsed the recommendation.