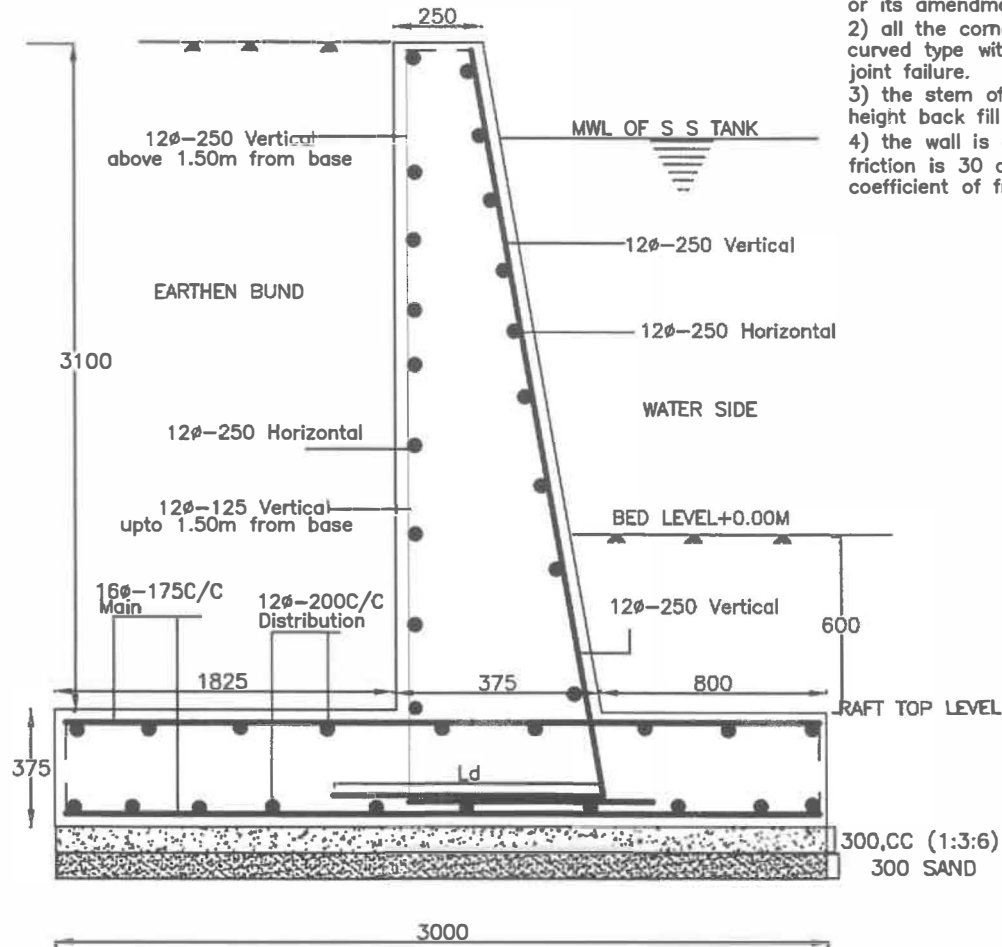


# STRUCTURAL DETAILS OF RCC RETAINING WALL FOR SUMMER STORAGE TANK



- Note;- 1) provide expansion joints @ 30 to 35m intervals as per IS Code: the construction of expansion joints shall be as per IS code:3414:1968 or its amendments.
- 2) all the corners of the retaining wall shall be in curved type with suitable radius of curvature to avoid joint failure.
- 3) the stem of retaining wall is designed for 3.10m height back fill only.
- 4) the wall is designed for SBC-10 t/sqm, Angle of internal friction is 30 deg, unit weight of soil-20 kn/M coefficient of friction between concrete and soil -0.36.