

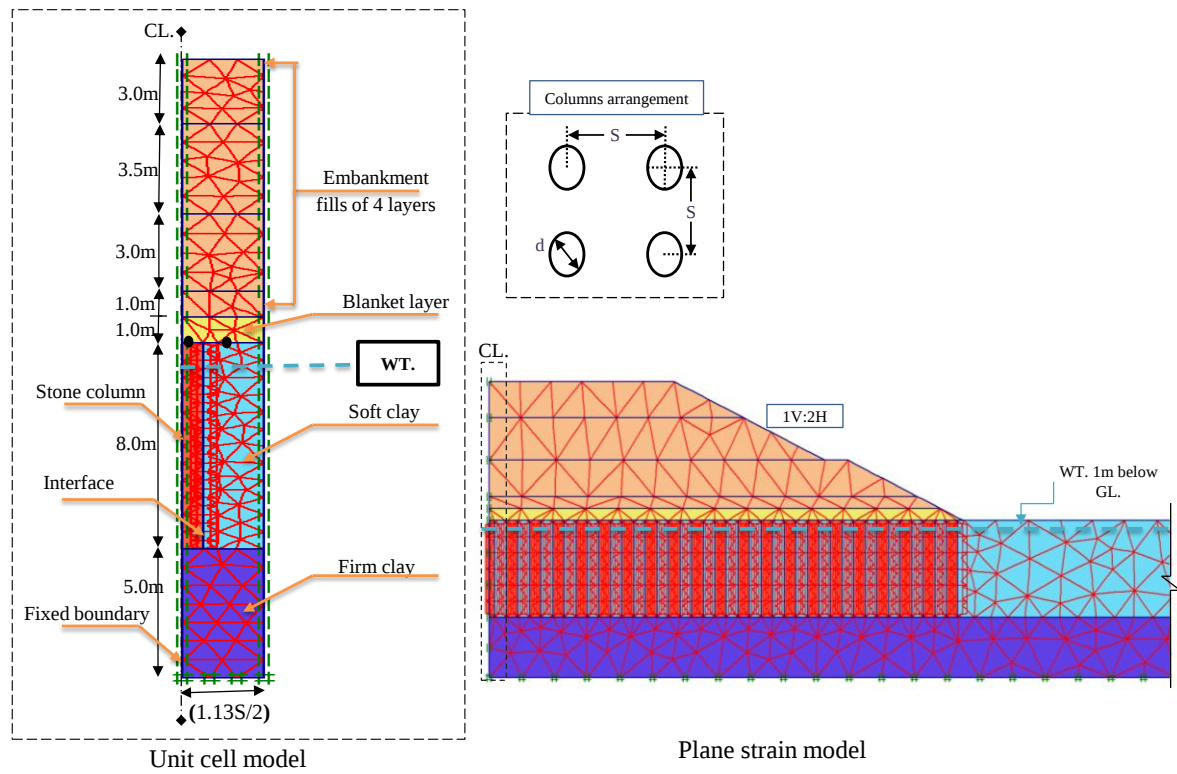


Fig. 1: Cross sections showing the geometry with fine mesh of embankment project modeled

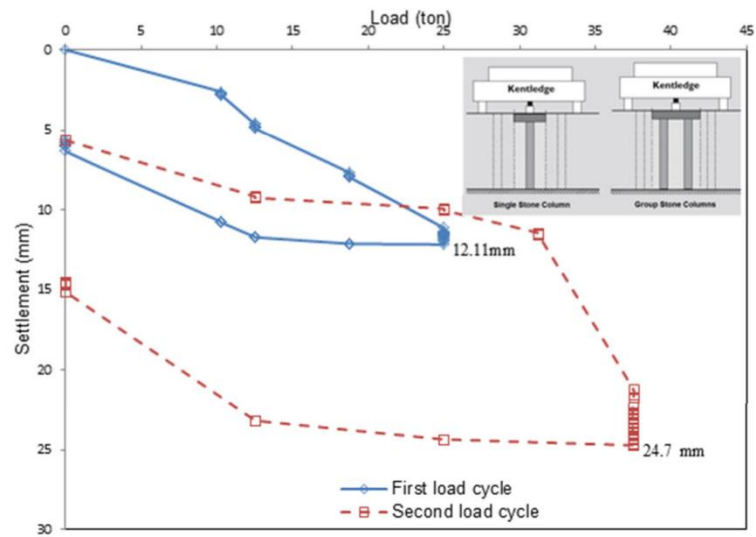


Fig. 2: Load-Settlement Curves of a Single Column Plate Load Test

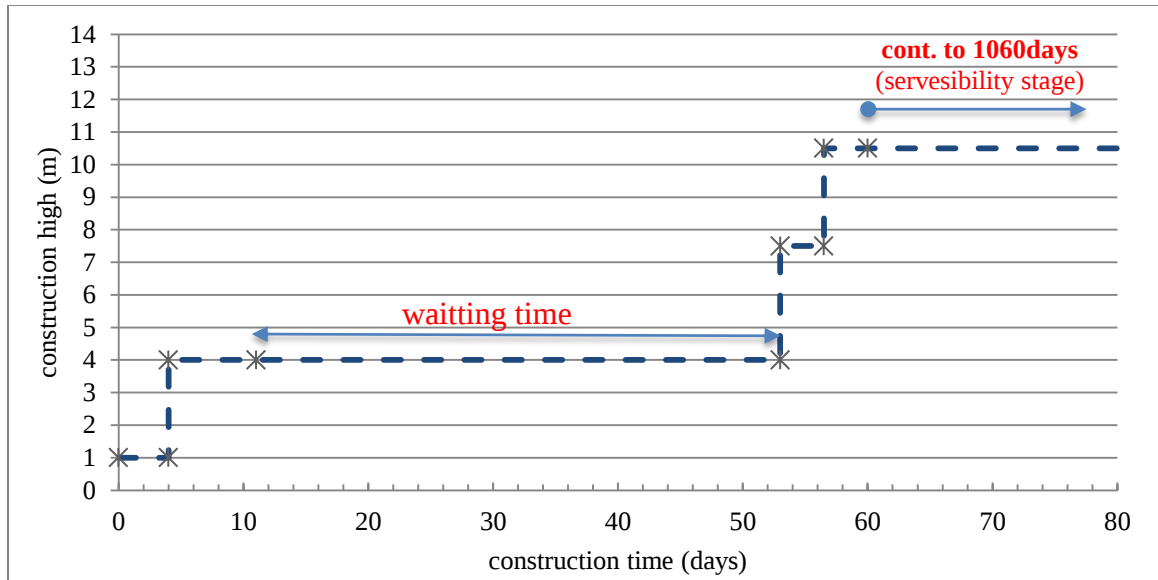


Fig. 3: Stage of cconstruction sequences of embankment

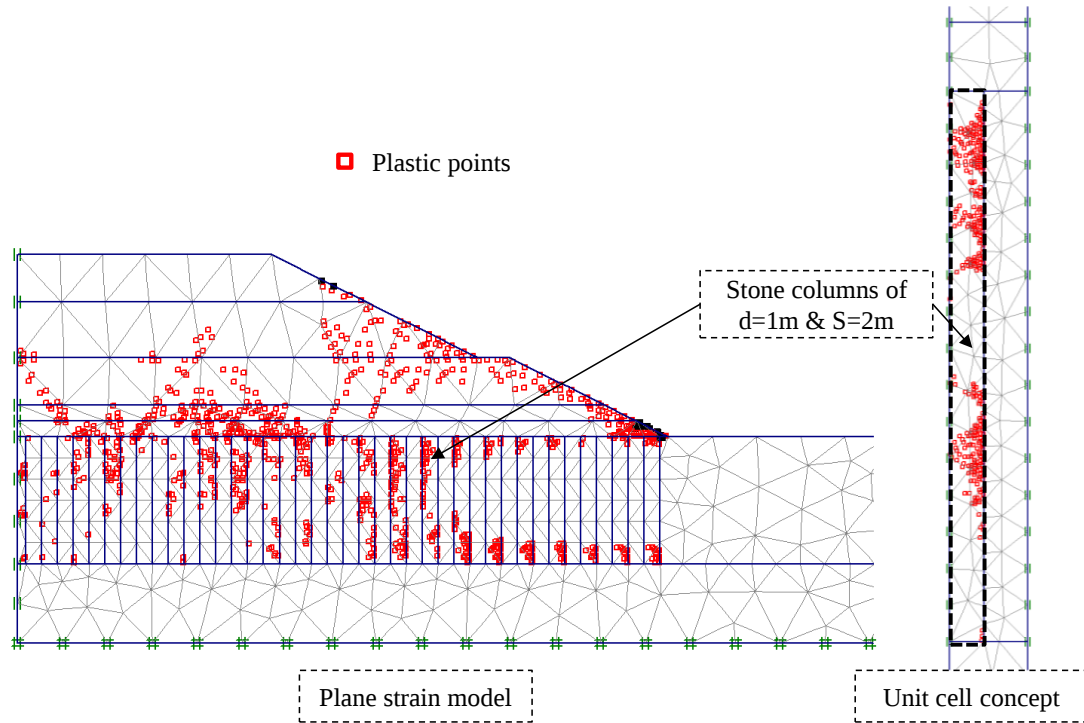


Fig. 4: Plastic points distribution at the consolidation end of the second construction stage in two used models

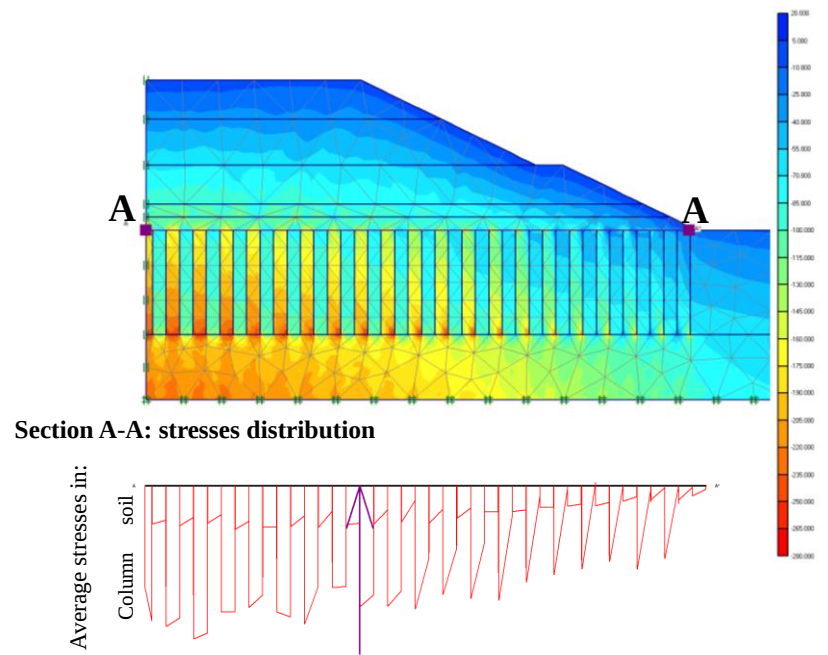


Fig. 5: Stress distribution between stone columns and surrounding soil in plane strain model

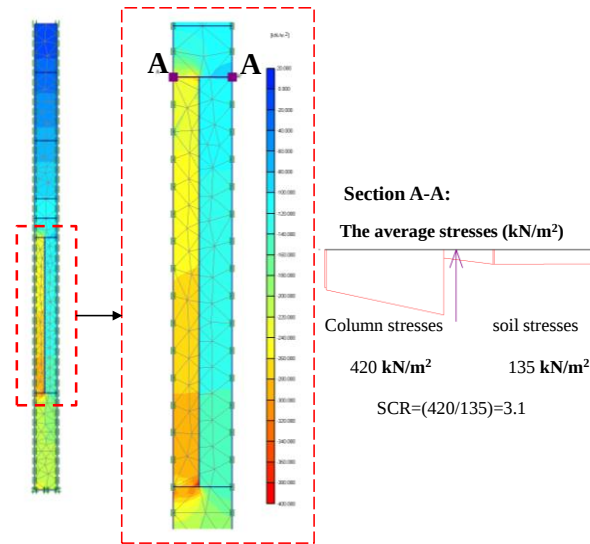


Fig. 6: Stress distribution between stone columns and surrounding soil in unit cell model

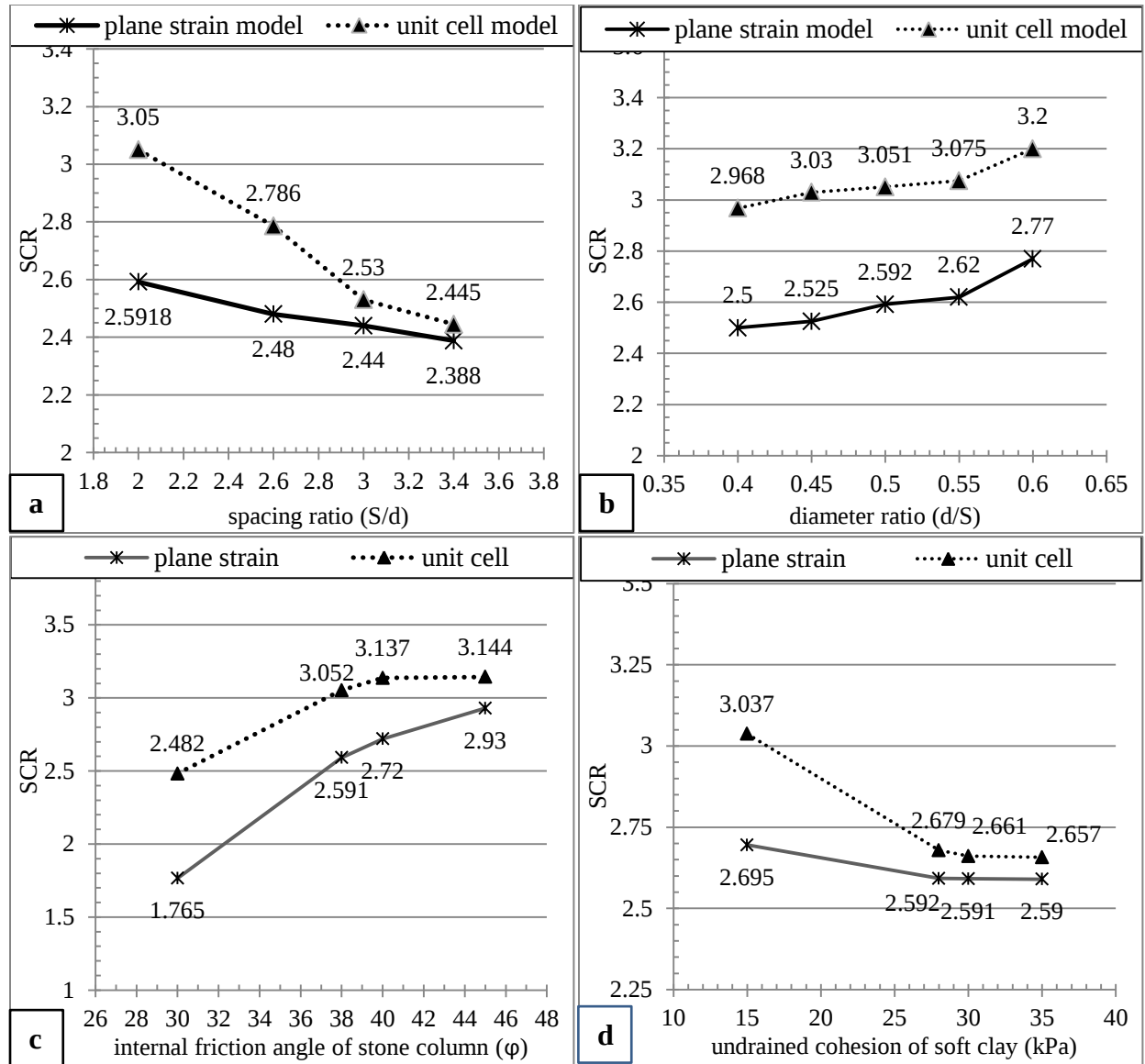


Fig. 8: Factors influencing SCR: (a) c/c spacing ratio (S/d); (b) stone column diameter ratio (d/S); (c) friction angle of stone column material; (d) undrained cohesion of soft clay