

top of the backfill and provision of foundation drains. Refer to current reference books on geotechnical engineering for guidance.

C3.2.2 Uplift on Floors and Foundations

If expansive soils are present under floors or footings, large pressures can be exerted and must be resisted by special design. Alternatively, the expansive soil can be removed and replaced with non-

expansive material. A geotechnical engineer should make recommendations in these situations.

REFERENCE

Terzaghi, K., and Peck, R. B. (1967). *Soil mechanics in engineering practice*, 2nd ed. Wiley, New York.