



Foundations: Site Investigation and Design

By V.C. Launder

Trafford Publishing, Canada, 2006. Paperback. Book Condition: New. 226 x 155 mm. Language: English . Brand New Book ***** Print on Demand *****. Foundations is divided into two main sections. In the first, the author, V.C. Launder, gives due attention to site investigation, by emphasising the study of soils and their properties. The methods used for soil sampling and site testing are also explained. Section two of the book examines, firstly, the principles governing the design of foundations; reasons for settlement are given, together with methods for avoiding dangerous situations arising therefrom. Different types of foundation are then discussed, such as strip, pad, raft and tanked foundations; reference is made to caissons and, in particular, to piles. Remaining chapters are devoted to retaining walls, special problems in foundation design, site preparation and materials.

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