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*This document is a report with
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principles and design methods for*

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standards (EN) related to construction, Eurocode 7: Geotechnical design (abbreviated EN 1997 or, informally, EC 7) describes how to design geotechnical structures, using the limit state design philosophy. It is

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footings, gravity walls, embedded
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CEN/TC 288 is the standardization of the execution procedures for geotechnical works (including testing and control methods) and of the required material properties... [these documents have] been prepared to stand alongside [

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Eurocode 7]... [they provide] full coverage of the construction and supervision requirements.'1.

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Structural Design. The worked examples in this chapter use the guidance given in Eurocode 7 Part 2 on the scope of ground investigations to illustrate where there are significant changes from current UK practice. Example 4.1

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considers the specification of field work for a hotel site in North West England; Example 4.2 looks at how changes in soil description will affect the borehole logs; and Example 4.3 discusses the specification of laboratory tests.

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This document is a report with

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worked examples summarizing the general rules, basic design principles and design methods for geotechnical design following Eurocodes. It comprises an overview of Eurocode 7 with focus on the design requirements, actions

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