BUILDING TECHNOLOGY

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Building Quantities Explained

Civil Engineering Quantities

Building Economics

Municipal Engineering Practice

Civil Engineering Specification

Outdoor Recreation and the Urban Environment

Planned Expansion of Country Towns (*published by* George Godwin)

BUILDING TECHNOLOGY

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This book is dedicated to my wife for her continual interest in building matters and for producing such a good design for our new bungalow, where some of the constructional methods described in the book have been put into practice

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PREFACE

THIS BOOK EXAMINES the general principles of building construction and applies them to practical examples of constructional work throughout all parts of simple domestic buildings. Consideration is also given to the choice of materials and implications of Building Regulations, British Standards, Codes of Practice and current government research.

The principal aim is to produce a comprehensive, simply explained and well-illustrated text which will form a basic construction textbook for first- and second-year students in a variety of disciplines, including architects, quantity surveyors, valuers, auctioneers, estate agents, building and mineral surveyors, builders, housing managers, public health inspectors, building control officers and clerks of works. It should also prove of value to those working for Ordinary National Certificates and Diplomas in construction; degrees in architecture, building, quantity surveying and estate management; and the General Certificate of Education in building construction.

All drawings and building data are fully metricated and, although BS 1192 has been largely used as a basis for the preparation and presentation of drawings, it was decided to omit 'm' and 'mm' symbols from all descriptions as well as dimensions on the drawings, to avoid constant repetition of units of measurement. It is unlikely that any confusion will arise as a result of this. Unfortunately, not all components are yet manufactured to their final rationalised metric sizes, and in these cases the metric dimensions are often exact metric equivalents of the original imperial sizes. A metric conversion table is produced in an appendix to help readers who wish to make comparisons between imperial and metric measures.

Nottingham
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IVOR H. SEELEY

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Extracts from British Standards and Codes of Practice are reproduced by permission of the British Standards Institution, 2 Park Street, London W1A 2BS. The Institution allows a discount of 40 per cent on sales of publications to students and educational bodies and BS Handbook 3, published annually, contains useful summaries of British Standards for building.

The quality and usefulness of the book has been very much enhanced by the large number of first-class drawings which do so much to bring the subject to life. Ronald Sears devoted many hundreds of hours to the painstaking preparation of the final drawings, for which he deserves special appreciation. The publisher has once again rendered every assistance throughout the production of the book.