

## PREFACE

VOLUMES II and III are devoted to those parts of Building Construction which are regarded as suitable for a second-year course. Brickwork, drainage, masonry and mild steel roof trusses are dealt with in Vol. II (this volume), carpentry, joinery and roof coverings in Vol. III.

One of the aims of the author has been to treat the subject sufficiently comprehensively in order to meet, as far as possible, the individual requirements of both students and lecturers concerned with the examinations of the Royal Institute of British Architects and allied professional bodies, and for National Certificates and Diplomas in Building. A wide syllabus has therefore been adopted to meet a variety of needs. It is not intended that the whole syllabus should be covered by one class in one session, but rather that most classes should be able to select those parts of the syllabus that apply specially to them. The syllabus adopted has been divided into seven parts, and these appear as headings of the respective chapters of both volumes.

Materials have been treated at some length. Much of the description in smaller type is intended for the more advanced students and for reference purposes.

Because of the relatively large size of many of the drawings it has been possible to include associated details for convenient reference. Thus, for example, Fig. 47 incorporates complete details of the small steel roof truss. Again, the several openings showing the stone dressings in Fig. 38 are detailed in Fig. 39 on the opposite page. It is hoped that the arrangement of the details in the full-page drawings especially will be of assistance to students preparing homework sheets and testimonies of study. A Homework Programme appears on p. 129. This is suggestive only, to be departed from according to the requirements and capacity of the students. Its purpose is not the production of sheets identical in detail and composition.

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