



# BUILDING PLANNING AND DRAWING

By

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## ABOUT THE BOOK

Drawing is the language of Engineers and Architects. Building Planning and Drawing is the foundation subject for Civil Engineering students. In this *Eighth Revised Edition* each topic of the text-book has been arranged in such a way that reader is empowered with an in-depth knowledge in the subject of Building Planning and Drawing.

The entire subject is canvassed in the chapters like: Fundamentals of Building Drawing; Fundamentals of Buildings; Site Selection for Residential Buildings; Climate and Its Influence on Building Planning; Orientation of Buildings; Principles of Planning Of Buildings; Building Bye-Laws; Planning of Residential Buildings; Planning of Public Buildings; Different Methods of Construction; Prefabricated Construction; Economical Measures in Building Construction; Green Buildings; Anthropometric Studies; Intelligent Buildings; Construction Management Techniques; Basic Concepts of the Building Elements; Nomenclature of Building Planning and Construction; Standard Guidelines for Building Drawing; Guidelines for Planning and Drawing of Residential Building; Drafting Materials and their Utilization; Conventional Signs and B.I.S. Code Colours; A Few Facts of the Vaastu Sastra; Perspective Drawings; Computer Aided Building Drawings; Typical Building Drawings; Question Bank. The Appendix gives University Examination Questions

*The book now in its 27 Chapters and Appendix contains:*

- \* 409 Neatly drawn self-explanatory diagrams
- \* 50 Plates of important components and different plans of buildings
- \* 89 Useful Tables
- \* 26 Solved Problems
- \* 464 University Type questions are given for preparation of examinations.

*A separate chapter as Question Bank includes:*

- \* 307 Short Questions with Answers
- \* 123 Multiple Choice Questions
- \* 97 Short Questions.

It is the fervent hope of the authors that this book will satisfy the needs of the Civil Engineering students preparing for the B.Tech/B.E. examinations of almost all the Indian Universities, Diploma examinations conducted by various Boards of Technical Education, Certificate courses as well as for the A.M.I.E., U.P.S.C., G.A.T.E. and other similar competitive and professional Examinations. It should also be of an immense help to the practising Civil Engineers.

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