



Retaining Walls: In Theory and Practice (Paperback)

By T E Coleman

Createspace, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.From the PREFACE This small volume is intended to serve as a practical guide for students and others interested in the general design and construction of ordinary retaining walls. The essential principles which govern a sound knowledge of this branch of engineering are explained in detail, whilst at the same time the use of complicated formulas and advanced mathematics have been avoided as much as possible. Some portions of the subject matter originally appeared in a series of articles in the Builders Journal. These have been recast, and collected into book form, the whole being arranged so as to provide a convenient book of reference. T. E. Coleman Contents Chapter I. Introduction. The Theory Of Stability. Chapter II. Failure by Overturning and Crushing. The Distribution of Pressure on Bed-Joints. Failure by Sliding. Chapter III. Theory of Earth Pressure. Centre of Pressure for Retained Earth. Chapter IV. Magnitude of Pressure of Retained Earth. Direction of Thrust of Retained Earth. Chapter V. Theory of Water Pressure. Theory of Wind Pressure. Chapter VI. Arched Retaining Walls. Chapter VII. The Bearing Power...



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