

**CIVIL ENGINEERING TYPES &
DEVICES. FOR THE USE OF CIVIL
ENGINEERS, DRAUGHTSMEN,
STUDENTS, BUILDERS AND
CONTRACTORS**

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Civil Engineering Types & Devices. For the Use of Civil Engineers, Draughtsmen, Students, Builders and Contractors by T. W. Barber

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T. W. BARBER

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CIVIL ENGINEERING TYPES

AND

DEVICES

*A CLASSIFIED AND ILLUSTRATED INDEX OF PLANT,
CONSTRUCTIONS, MACHINES, MATERIALS, MEANS
AND METHODS ADOPTED AND IN USE IN
CIVIL ENGINEERING WORKS OF
EVERY CLASS.*

FOR THE USE OF
CIVIL ENGINEERS, DRAUGHTSMEN, STUDENTS,
BUILDERS AND CONTRACTORS.

With 1,760 Illustrations.

BY

T. W. BARBER, M. INST. C. E.,

AUTHOR OF "THE ENGINEER'S SKETCH-BOOK OF MECHANICAL MOVEMENTS", ETC.,
"THE REPAIR AND MAINTENANCE OF MACHINERY," "THE PORT OF LONDON AND
THE THAMES BARBAGE," ETC., ETC.



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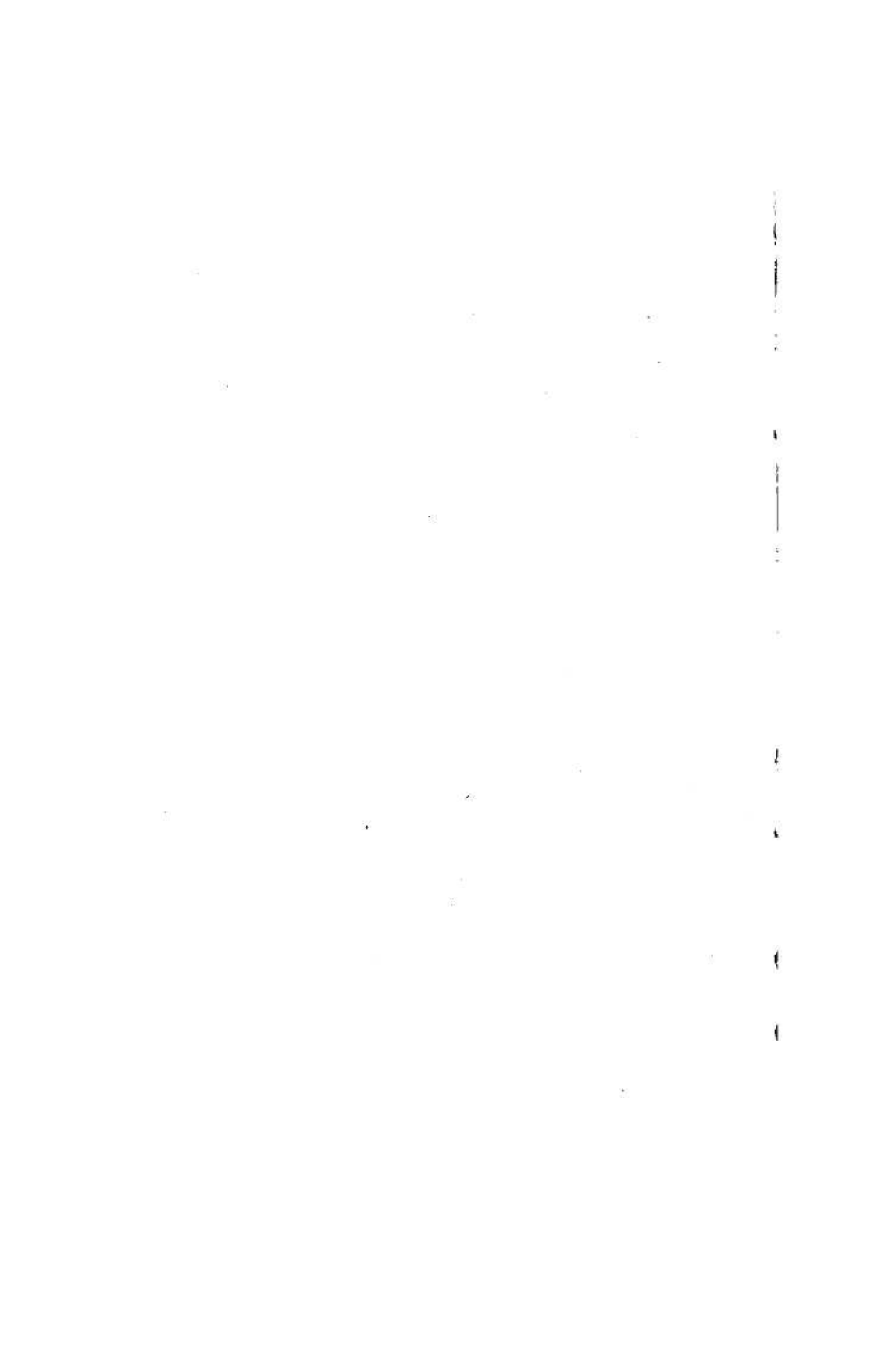
PREFACE.

THE object aimed at in this work is the collection and classification in one handy volume of all the known devices and methods in use in every branch of civil engineering work, in the form of sketches, or brief drawings and descriptions, sufficient to enable an engineer to make a selection without overloading the matter with detail, which every competent engineer can readily design for himself.

There are numerous published works dealing with special branches of engineering, or parts of such, in full detail, which may be consulted for details; but no general illustrated index such as is presented in the following pages.

It is hoped that this index may be of the same service to the active civil engineer as the *Engineer's Sketch-book* has proved to be to the mechanical engineer.

T. W. BARBER.



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