

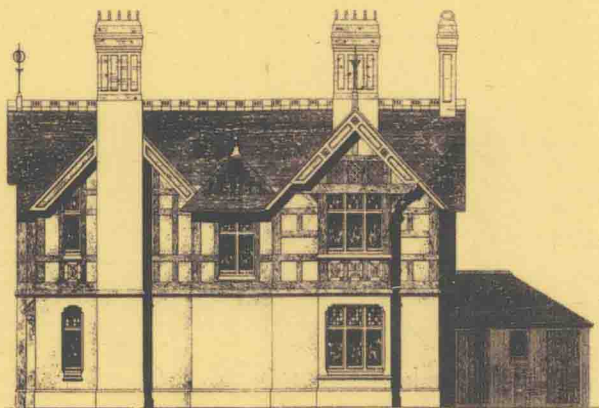
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CONCRETE

ITS USE IN BUILDING
AND THE CONSTRUCTION OF
CONCRETE WALLS, FLOORS, ETC.

THOMAS POTTER

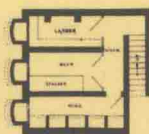
DESIGN FOR CONCRETE VILLA.



— EAST ELEVATION —



— SECTION ON LINE A.A. LOOKING EAST —



PLAN

CELLAR

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Concrete

*Its Use in Building and the Construction
of Concrete Walls, Floors, Etc.*

THOMAS POTTER



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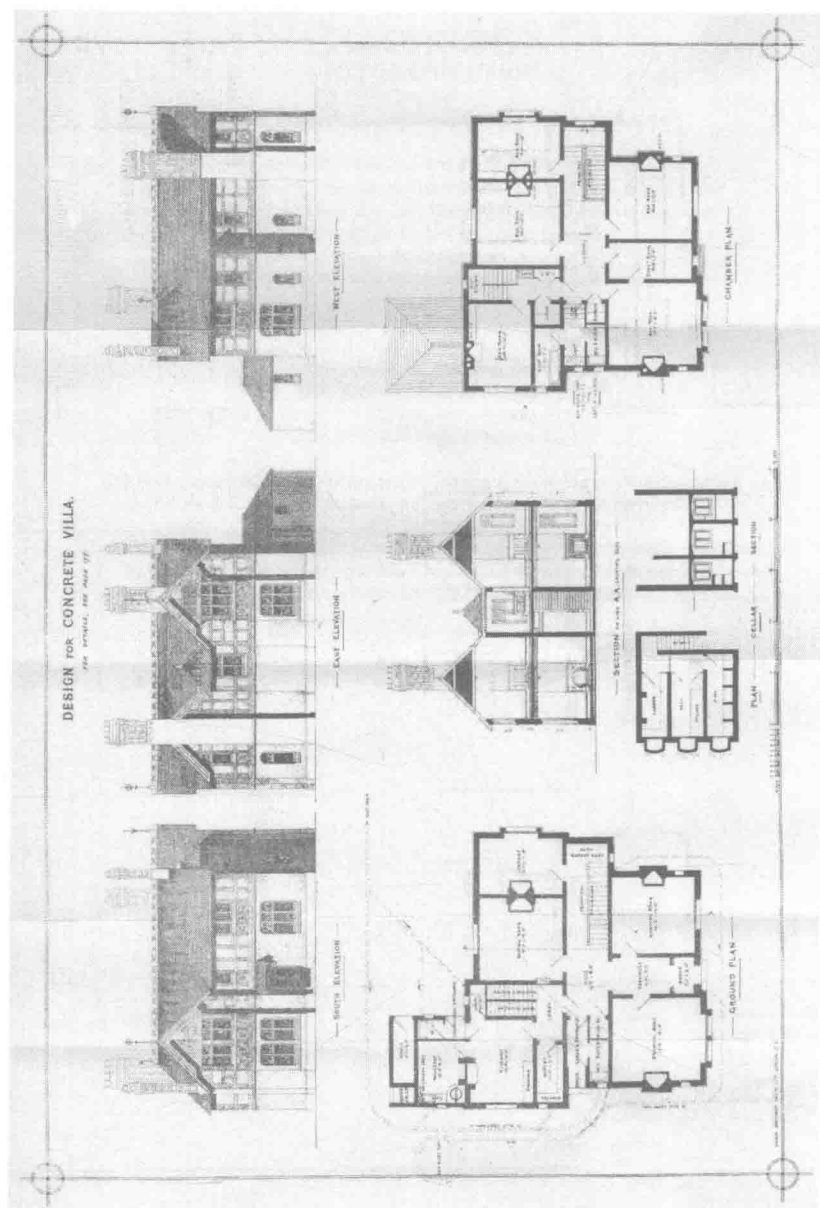
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CONCRETE :
ITS USE IN BUILDING
AND THE
CONSTRUCTION OF
CONCRETE WALLS, FLOORS, ETC.

BY
THOMAS POTTER,
Clerk of Works to the Right Honourable Lord Ashburton.

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PREFACE.

THIS small work is intended to deal in a practical manner with the treatment of a material that has yet undoubtedly to come into more general use. No attempt has been made to give the "reason why" in many cases the behaviour of concrete stands so pre-eminently above all other materials for special purposes, nor to explain the theory of cement setting, and the chemical process developed in the operation of making concrete; these subjects have already found more capable exponents; but simply to give an unprejudiced statement of the various forms in which concrete can be applied, and most suitable purposes for which it is adapted. Also to reconcile those extremes of individual opinion engendered on the one hand by inability to see that concrete possesses any defects, and on the other by that veneration for existing forms and processes of building, that creates a burst of indignant feeling when innovation of any kind is even suggested.

Statements herein made as facts are the result of personal observation and experience, except where the authorship is acknowledged, and are based upon long practice under variable conditions.

July, 1877.

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