

---

---

**Construction drawings — Designation  
systems —**

**Part 1:**  
Buildings and parts of buildings

*Dessins de bâtiment — Systèmes de désignation —  
Partie 1: Bâtiments et parties de bâtiments*



## Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 4157-1 was prepared by Technical Committee ISO/TC 10, *Technical drawings, product definition and related documentation*, Subcommittee SC 8, *Construction documentation*.

This second edition cancels and replaces the first edition (ISO 4157-1:1980), which has been technically revised.

ISO 4157 consists of the following parts, under the general title *Construction drawings — Designation systems*:

- *Part 1: Buildings and parts of buildings*
- *Part 2: Room names and numbers*
- *Part 3: Room identifiers*

© ISO 1998

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from the publisher.

International Organization for Standardization  
Case postale 56 • CH-1211 Genève 20 • Switzerland  
Internet iso@iso.ch

Printed in Switzerland

# Construction drawings — Designation systems —

## Part 1: Buildings and parts of buildings

### 1 Scope

This part of ISO 4157 specifies requirements for designation systems and a designation code for buildings, including spaces, building elements and components.

### 2 Normative references

The following standards contain provisions, which through reference in this text, constitute provisions of this part of ISO 4157. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this part of ISO 4157 are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 4157-2:1998, *Construction drawings — Designation systems — Part 2: Room names and numbers*.

ISO 4157-3:1998, *Construction drawings — Designation systems — Part 3: Room identifiers*.

### 3 Definitions

For the purposes of this part of ISO 4157, the following definitions apply.

#### 3.1 room

area or volume, space or void bounded actually or theoretically, even though it is not traditionally thought of as a room

#### EXAMPLES

- Balcony in a movie theatre
- Staircase (considered to be a separate room in each floor)
- Auditorium with folding doors
- Partly covered terrace
- Atrium (even without a roof)
- Ventilation shafts (considered to be a separate room on each floor)
- Elevator shafts (considered to be a separate room on each floor)
- Void in ceiling

**NOTE** A room in the numbering context may or may not be completely enclosed by walls, ceiling, and floor. However, for a room to be allocated a room number, it should have some of these physical limitations.