



ISO 7519

**Technical product documentation
(TPD) — Construction
documentation — General
principles of presentation for
general arrangement and assembly
drawings**

*Documentation technique de produits (TPD) — Documentation
de construction — Principes généraux de présentation pour les
dessins de disposition générale et d'assemblage*

**Third edition
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This document was prepared by Technical Committee ISO/TC 10, *Technical product documentation*, Subcommittee SC 8, *Construction documentation*.

This third edition cancels and replaces the second edition (ISO 7519:2024), of which it constitutes a minor revision. The changes are as follows:

- key 2 in [Figure 1](#) has been changed from “line 2, long-dashed dotted wide line (type 04.2)” to “line 2, long-dashed dotted extra-wide line (type 04.3)”;
- line 2 in [Figure 1](#) has been changed to a dash dot line;
- decimal separators were updated with commas in [Figures 9a, 9c, 10a, 10c, 14, 15](#).

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This document aims to condense rules and recommendations from International Standards and give guidance concerning the production of easy-to-read construction drawings, specifically building layouts.

Methods used by the architectural and engineering professions to produce construction drawings varies, from a human holding a pencil or ink pen to computer aided drafting or design (CAD), as well as building information modelling (BIM). Regardless, what is produced as paper deliverables has generally remained consistent. The same presentation approaches and graphical symbols are used.

Further developments in information technology are providing more efficient and convenient methods for delivering, sharing and communicating information. As these technologies evolve, two constant elements relating to what is produced are construction drawings and records. These allow for visual verification and validation using agreed standard presentation methods.

Construction drawings are used by both designers and constructors to communicate using a common language. Regardless of the method of production of the drawing, the content, displayed as lines, symbols, patterns and other techniques predominantly made available on paper or display, is clear, precise and unambiguous in terms of the meaning it conveys.

In this document, the phrase “construction drawing” aligns with the concept of “technical drawing” as defined in the ISO 128 series. Therefore, it is intended to be interpreted in the broadest possible sense, encompassing the total package of documentation specifying the building.

This document is complementary to the ISO 128 series for construction drawings.

The figures included in this document are intended to illustrate the text and/or to provide examples of the related technical drawing specification. These figures are not fully dimensioned and toleranced, showing only the relevant general principles. In all figures, the leader lines using an arrow and text ending with “type” and numbers indicate the line types used for the representations. They are not elements which are presented on a construction drawing.