



**SLOVENSKI STANDARD**  
**SIST EN ISO 11091:2002**  
**01-februar-2002**

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**Gradbeniške risbe - Pokrajinske risbe (ISO 11091:1994)**

Construction drawings - Landscape drawing practice (ISO 11091:1994)

Zeichnungen für das Bauwesen - Zeichnungen für Außenanlagen (ISO 11091:1994)

Dessins de construction - Pratique en matière de dessins de paysages (ISO 11091:1994)

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**Ta slovenski standard je istoveten z: EN ISO 11091:1999**

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**ICS:**

01.100.30      Ő!æà^} ã æ!cã      Construction drawings

**SIST EN ISO 11091:2002**      en

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

EN ISO 11091

July 1999

ICS 01.100.30

English version

Construction drawings - Landscape drawing practice (ISO  
11091:1994)

Dessins de construction - Pratique en matière de dessins  
de paysages (ISO 11091:1994)

Zeichnungen für das Bauwesen - Zeichnungen für  
Außenanlagen (ISO 11091:1994)

This European Standard was approved by CEN on 20 May 1999.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

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EUROPEAN COMMITTEE FOR STANDARDIZATION  
COMITÉ EUROPÉEN DE NORMALISATION  
EUROPÄISCHES KOMITEE FÜR NORMUNG

Central Secretariat: rue de Stassart, 36 B-1050 Brussels

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EN ISO 11091:1999

### Foreword

The text of the International Standard from Technical Committee ISO/TC 10 "Technical drawings, product definition and related documentation" of the International Organization for Standardization (ISO) has been taken over as an European Standard by CEN/CS.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by January 2000, and conflicting national standards shall be withdrawn at the latest by January 2000.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

### Endorsement notice

The text of the International Standard ISO 11091:1994 has been approved by CEN as a European Standard without any modification.

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# INTERNATIONAL STANDARD

# ISO 11091

First edition  
1994-12-15

1 0 -01- 1995

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## Construction drawings — Landscape drawing practice

*Dessins de construction — Pratique en matière de dessins de paysages*

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Reference number  
ISO 11091:1994(E)

**ISO 11091:1994(E)****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 11091 was prepared by Technical Committee ISO/TC 10, *Technical drawings, product definition and related documentation*, Subcommittee SC 8, *Construction documentation*.

Annexes A and B of this International Standard are for information only.

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# Construction drawings — Landscape drawing practice

## 1 Scope

This International Standard establishes general rules and specifies graphical symbols and simplified representations for landscape drawing practice.

The graphical symbols and simplified representation are jointly referred to as conventions. The conventions given in International Standards which are applicable to landscape drawings are presented in annex A.

## 2 General rules

The extent of information shown on landscape drawings will depend on the degree of accuracy required by the type of work.

Production drawings shall be adequately dimensioned to allow for accurate setting out.

In certain circumstances it is desirable to make final adjustments on site (e.g. tree positions). In such cases drawings shall be suitably annotated.

Existing and proposed levels shall be shown, either as spot levels or as contours or both where appropriate. The vertical interval of contours and the spacing of grid levels depend on the character of the site and the nature of the project.

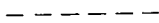
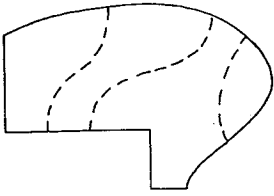

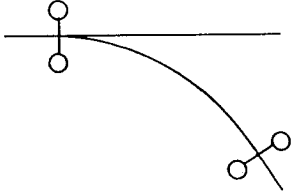

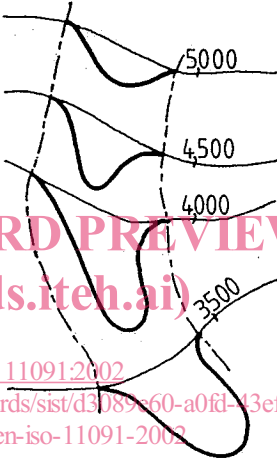



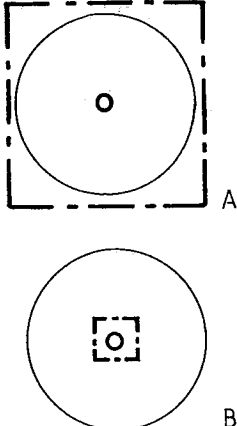
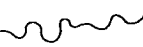
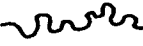
Similar areas shown on different drawings should be appropriately cross-referenced.

## 3 Conventions

If necessary, the convention (graphical symbol or simplified representation) can be completed by

- text;
- designations or abbreviations explained on the drawing or associated documents;
- complementary additions to conventions in order to communicate further information.

Nonstandardized conventions shall be explained on the drawing.


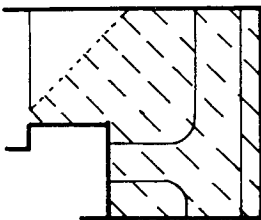

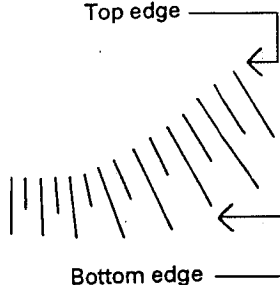
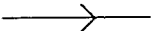
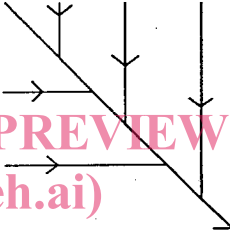
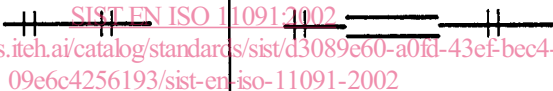
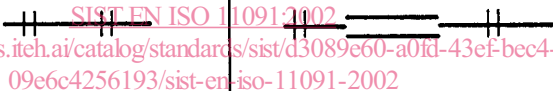



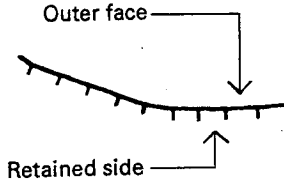
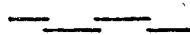
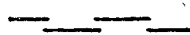

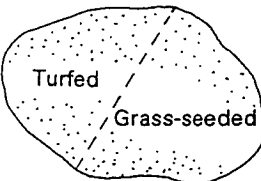
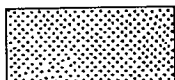
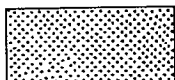
| Reference No. | Element                                      | Convention  | Applied example  | Comment  |
|---------------|--|---|--|--|
| 3.1           | Subdivision of plant beds/grass              |    |    | Thin dashed line; areas may be hatched or shaded   |
| 3.2           | Tangent point or point of transition         |    |    |  |
| 3.3           | Existing contour                             |    |   | Thin continuous or thin dashed line  |
| 3.4           | Proposed contour                             |    |  | Thick continuous line<br>For 3.3 and 3.4, the numerical value for level may be inserted on the contour line                            |
| 3.5           | No-cut no-fill line                          |  |  | Freehand thin chain line   |
| 3.6           | Outline of areas to be protected             |  |  | Thick chain line; area may be hatched or shaded<br><br>Applied example shows:<br>A = Tree to be protected<br>B = Trunk to be protected |
| 3.7           | Outline of existing shrub and woodland areas |  |  | Thin continuous irregular line   |
| 3.8           | Outline of proposed shrub and woodland areas |  |  | Thick continuous irregular line  |

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| Reference No. | Element   | Convention   | Applied example  | Comment   |
|---------------|---|--|--|---|
| 3.9           | General area to be removed                                  |     |    | Thin dashed line; this symbol is an alternative to ISO 7518   |
| 3.10          | Embankment  |     |    | Thin line (shown only if contours are not used)<br>Top and bottom edges may be indicated by thin continuous lines |
| 3.11          | Direction of flow, e.g. land drains/subsurface drains, etc. |     |   | Thin continuous line; arrow indicates direction of fall (cf. ISO 4067-6)  |
| 3.12          | Fence   |  |  | Thick/thin continuous lines<br>Applied example is a combination of 3.12 and 3.13                                  |
| 3.13          | Stile   |   |   | Thick line  |
| 3.14          | Retaining wall  |   |  | Thick/thin continuous lines   |
| 3.15          | Sheet pile  |   |   | Thick line  |
| 3.16          | Grass   |   |  | May be designated by text instead of shading  |
| 3.17          | Plant bed   |   |   | Hard landscape drawings only (see figure A.2)   |