

SECTION II

SYMBOLS

11 SYMBOLS

11.1 *WELDING*

The necessary information concerning the location, type, size and length of welds in welded joints and whether the welds are to be made in the shop or at the site shall be given on the drawings with the use of standard welding symbols.

All welding symbols shall be in accordance with AS 1101.3.

11.2 *SURFACE TEXTURE OF METALS*

Where, on bridge drawings, indication of surface texture for metal work is required to ensure an acceptable surface finish, the necessary information shall be given by the use of standard symbols and roughness grade numbers.

The symbols shall be in accordance with AS ISO 1302.

11.3 *MATERIALS*

Where it is necessary to show materials in section by symbols, the symbols used shall be in accordance with Table 5.1 in AS 1101.301 and with Figure 11.3 in this Manual. However, symbolic representation of material in section may not always be necessary and at smaller scales may be impossible.

Where new work and existing work are shown side by side on a drawing the new work shall be identified with the appropriate hatching with existing work being unhatched and shown in outline only using the 'existing work' line type as shown in Figure 7.1 of this Manual.

11.4 *USE OF ASTERISKS AND SIMILAR SYMBOLS*

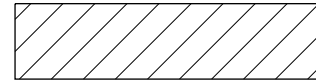
Asterisks, filled in dots and triangles or other like symbols used as a reference to a note, dimension, reduced level etc, on a drawing should be used as sparingly as possible, usually only to avoid repetition of a note or where space precludes the use of a direct note.

Where a symbol is used to reference many similar items in different views or sections on the same drawing, the denotation of the references shall be given in the General Notes and **not** under each view or section.

Like symbols shall not be used to reference different items in different views and or sections shown on the same drawing. Where it is necessary to have references to different items on the same drawing, separate symbols shall be used for each reference.

STEEL COMPONENTS

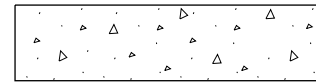
LARGE SCALE



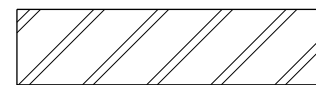
SMALL SCALE



CONCRETE

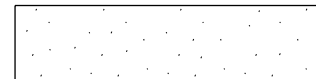


ASPHALT AND BRICKWORK



MORTAR

CEMENT AND EPOXY



JOINT SEALANT



RUBBER

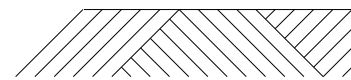
NATURAL AND SYNTHETIC



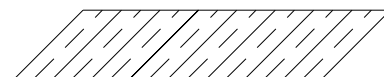
EARTH (FILL)



EARTH



ROCK



GRANULAR FILL

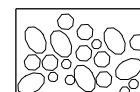


FIGURE 11.3