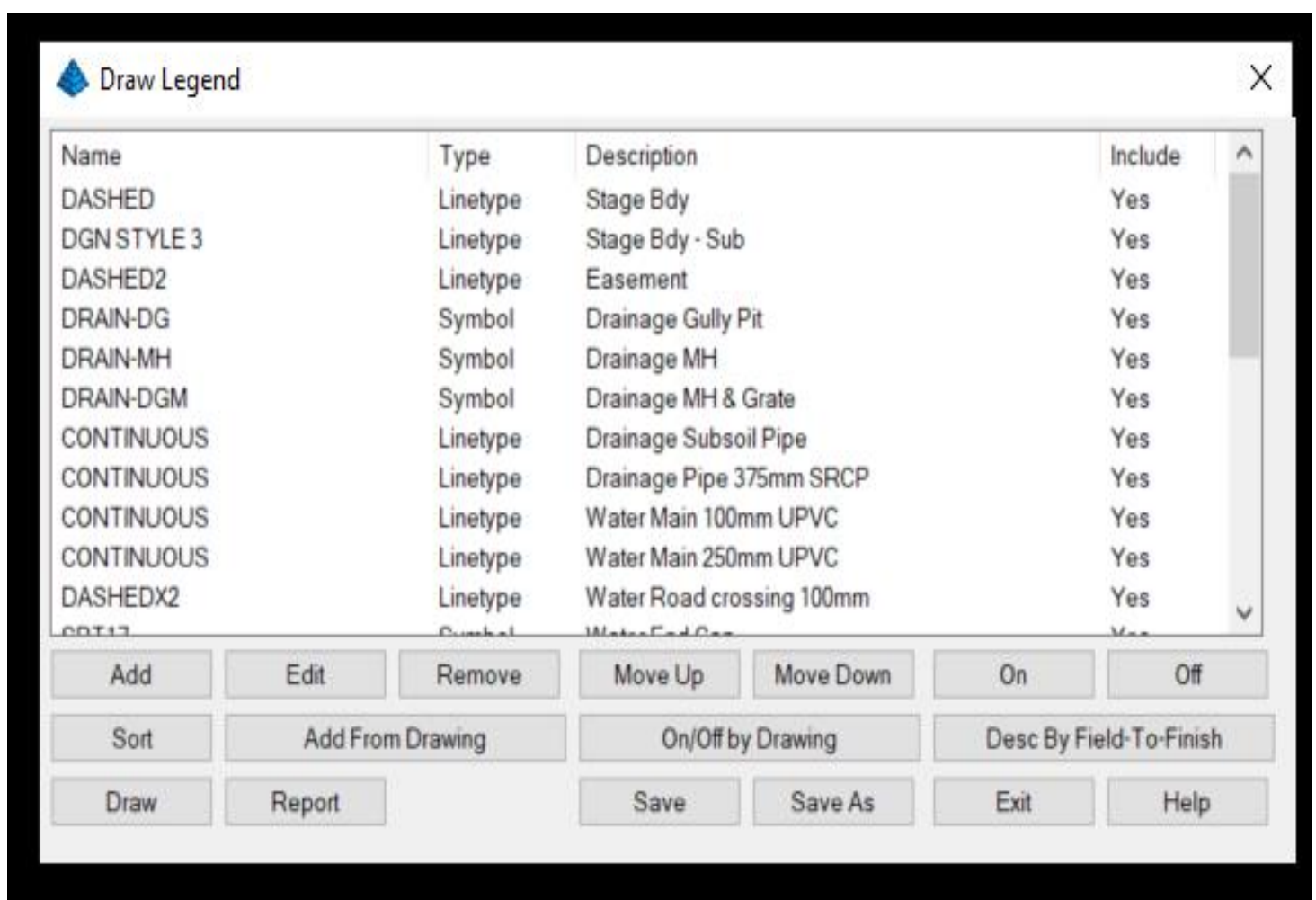
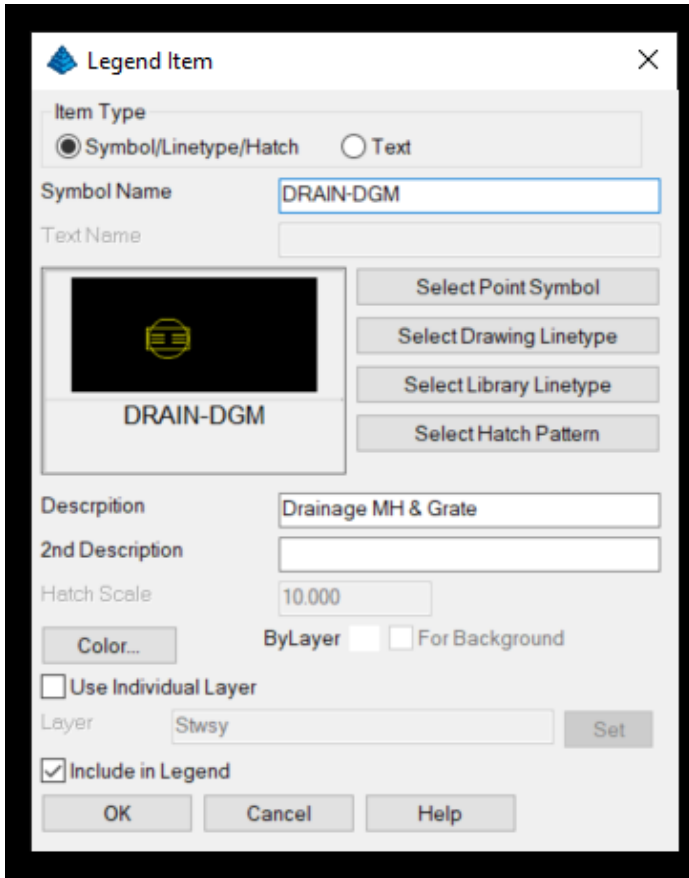


It is sometimes a requirement to add a legend to a drawing, the **Draw Legend** command under **Annotate** draws a legend based on a legend definition file. If no **Specify Legend Definition File** exists than one will need to be created and saved. After choosing the legend definition (.LGD) file to use, a dialog displays the current definitions. The legend definition file consists of descriptions assigned to text, symbols, linetypes and hatch patterns.



Add inserts a new definition to the definitions. To insert a new definition, pick an existing definition and click on the Add button. The new definition is added immediately following the existing definition.

Edit edits a definition, select it and then click on the Edit button. This brings up the Symbol Definition dialog box.



The screenshot shows the 'Legend Item' dialog box with the following fields and options:

- Item Type:** Radio buttons for 'Symbol/Linetype/Hatch' (selected) and 'Text'.
- Symbol Name:** Text field containing 'DRAIN-DGM'.
- Text Name:** Empty text field.
- Preview:** A small window showing a yellow circle with a crosshair symbol, labeled 'DRAIN-DGM' below it.
- Select buttons:** 'Select Point Symbol', 'Select Drawing Linetype', 'Select Library Linetype', and 'Select Hatch Pattern'.
- Description:** Text field containing 'Drainage MH & Grate'.
- 2nd Description:** Empty text field.
- Hatch Scale:** Text field containing '10.000'.
- Color...** button.
- ByLayer:** Checkboxes for 'ByLayer' (checked) and 'For Background'.
- Use Individual Layer:** Unchecked checkbox.
- Layer:** Text field containing 'Stwsy' and a 'Set' button.
- Include in Legend:** Checked checkbox.
- Buttons:** 'OK', 'Cancel', and 'Help' at the bottom.

- **Item Type:** Each item can be either a simple text label or a symbol from the drawing.
- **Text Name:** This is the legend label associated with the specified Description.
- **Symbol Name** designates the symbol to draw in the legend. You can either type in the symbol name or choose it from a slide library by picking the appropriate Select button.
- **Select Point Symbol:** This option displays a slide library of point symbols to choose from.
- **Select Drawing Linetype:** This option displays a linetype name list to choose from.
- **Select Library Linetype:** This option displays a slide library of linetypes to choose from.
- **Select Hatch Pattern:** This option displays a slide library of hatch patterns to choose from.
- **Description** is the name of the symbol.
- **2nd Description** is an optional additional name for the symbol
- The **Hatch Scale and Colour** options are used if the symbol uses a hatch pattern.
- **Use Individual Layer:** This option allows for drawing the legend item on a separate layer besides the layer from the Draw function.

- **Include in Legend:** This option corresponds to the Include column on the Legend Definitions dialog box. Not all the defined entries need to be drawn. An entry will be drawn (shown as Yes) if the **Include in Legend** box in the Symbol Definition dialog box is checked

Remove removes the selected definition.

Move Up: This option moves the selected definition up one row. Legend entries are drawn in the order that they are defined.

Move Down moves the selected definition down one row. Use the Move Up and Move Down buttons to change the order that the symbols will be drawn.

On switches the Include field in the selected definition to Yes.

Off switches the Include field in the selected definition to No.

Sort sorts the definitions alphabetically and numerically.

Add from Drawing adds entries to the legend table for each different symbol that is selected from the drawing.

On/Off by Drawing prompts you to select symbols from the drawing. Symbols found will be turned on, all others will be turned off. This helps you create a legend that includes only symbols found in the drawing.

Desc by Field-to-Finish uses the description from the Field-to-Finish code definition for symbols that match the code symbol.

Draw opens the Draw Legend dialog and draws the included definitions as a legend.

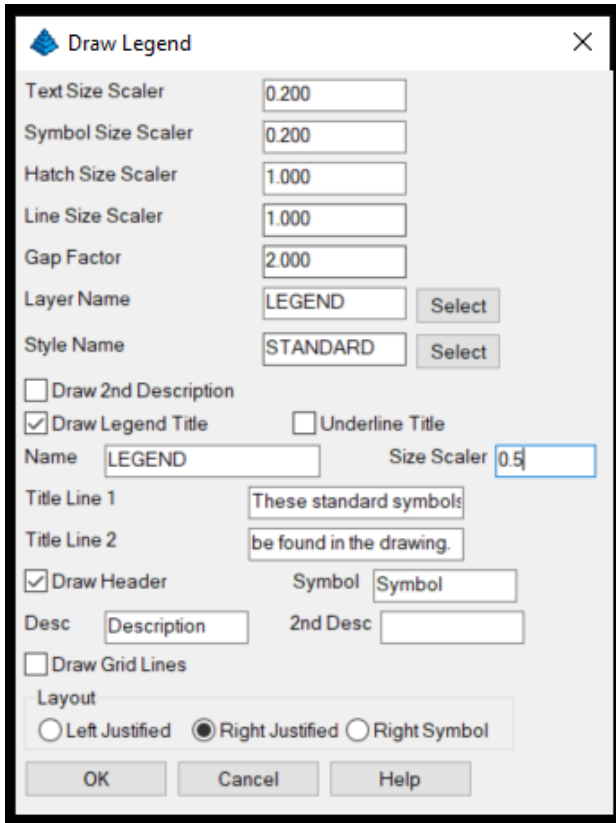
Report uses the Report Formatter to make a customized report of the names and descriptions in the legend.

Save saves the legend file as its original file name.

Save As saves the legend file to a new file name.

Exit exits the command back to the drawing window.

When **Draw** is selected, the **Draw Legend** dialog box appears where the size of text/symbols/lines/title etc can be adjusted to suit the drawing scale.



Draw Legend

Text Size Scaler: 0.200

Symbol Size Scaler: 0.200

Hatch Size Scaler: 1.000

Line Size Scaler: 1.000

Gap Factor: 2.000

Layer Name: LEGEND [Select]

Style Name: STANDARD [Select]

☐ Draw 2nd Description

☒ Draw Legend Title ☐ Underline Title

Name: LEGEND Size Scaler: 0.5

Title Line 1: These standard symbols

Title Line 2: be found in the drawing.

☒ Draw Header Symbol: Symbol

Desc: Description 2nd Desc:

☐ Draw Grid Lines

Layout: ☐ Left Justified ☒ Right Justified ☐ Right Symbol

[OK] [Cancel] [Help]

- **Text Size Scaler:** sizes the text in the legend. It defaults to the value from Drawing Setup in the Setting menu.
- **Symbol Size Scaler:** defaults to the value from Drawing Setup in the Settings menu.
- **Hatch Size Scaler:** sizes the hatch pattern scaler.
- **Line Size Scaler:** sizes the lines in the legend.
- **Gap Factor:**
- **Layer Name:** defines the layer for the legend.
- **Style Name:** sets the style for the legend labels.
- **Draw 2nd Description:** creates another column with the 2nd descriptions for the symbols.
- **Draw Legend Title:** draws the text from the Name, Title Line 1 and 2 fields.
- **Underline Title:** underlines the title.
- **Name:** creates a name for the legend.
- **Size scaler:** sizes the legend.
- **Title Line 1:** creates a title on line 1.
- **Title line 2:** creates a title on line 2.
- **Draw Header** adds a header row with the Symbol, Desc and 2nd Desc fields at the top of the columns.
- **Draw Grid Lines** creates a legend table with lines for the rows and columns
- **Layout Left Justified** has the symbol on the left and then the labels left-justified.
- **Layout Right Justified** has the symbols on the left and the labels right-justified.
- **Layout Right Symbol** has the labels on the left and the symbols on the right.

Example

LEGEND	
These standard symbols will be found in the drawing.	
Symbol	Description
	Stage Bdy
	Stage Bdy - Sub
	Easement
	Drainage Gully Pit
	Drainage MH
	Drainage MH & Grate
	Drainage Subsoil Pipe
	Drainage Pipe 375mm SRCP
	Water Main 100mm UPVC
	Water Main 250mm UPVC
	Water Road crossing 100mm
	Water End Cap
	Water Hyd
	Water Meter Box
	Water Reducer
	Water Tapping Collar
	Water valve
	Footpath
	Roadln
	Kerb - Roll Top
	Natural Surface
	Sewer Mark
	Sewer MH
	Sewer Main 150mm
	Sewer House Connection 100mm