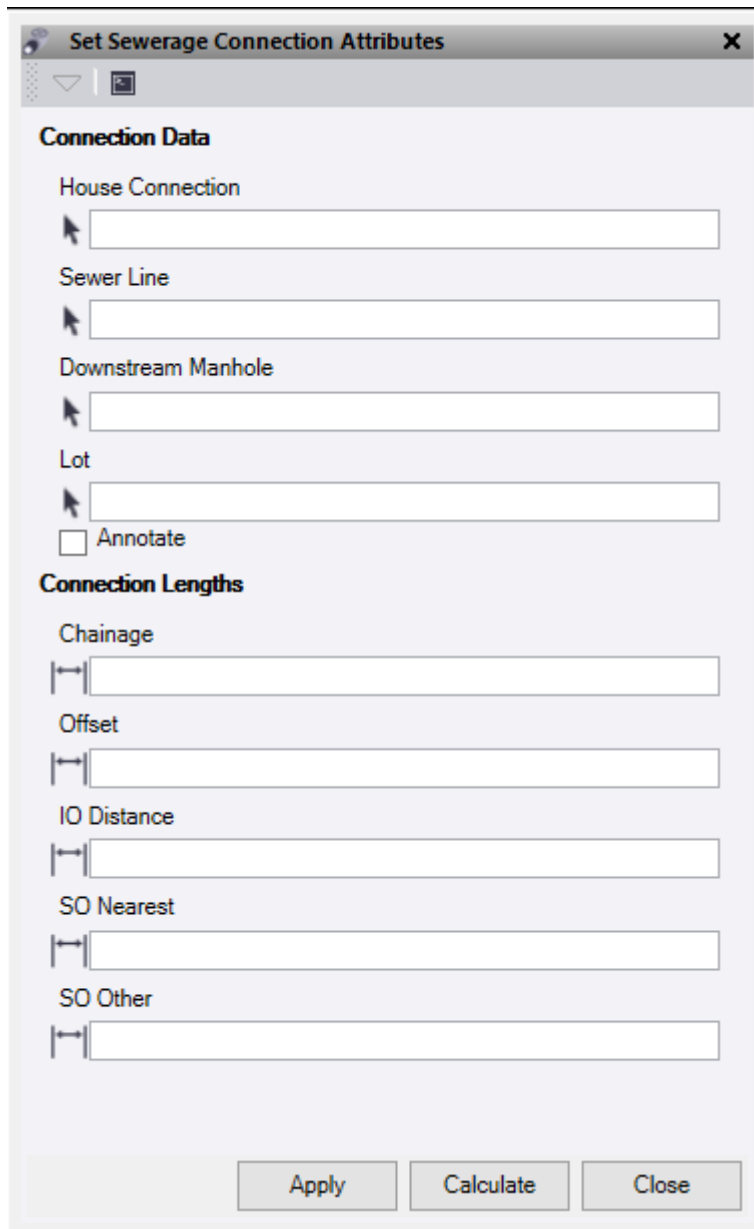




## Set Sewerage Connection Attributes

### Command Description

Use the Set Sewerage Connection Attributes to automatically calculate the distances required to be measured between a house connection and the sewerage pipes and the cadastral boundaries.



The screenshot shows a software dialog box titled "Set Sewerage Connection Attributes". It is divided into two main sections: "Connection Data" and "Connection Lengths".

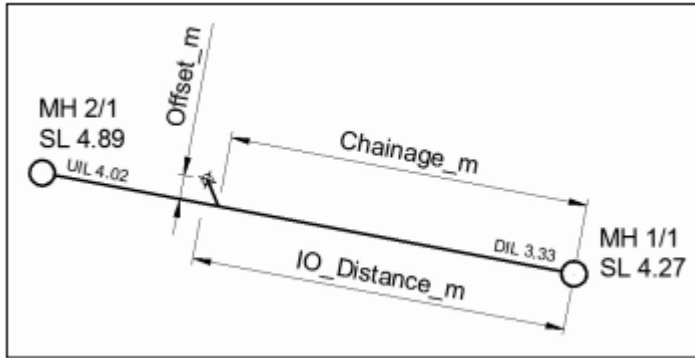
**Connection Data**

- House Connection: A text input field with a mouse cursor icon to its left.
- Sewer Line: A text input field with a mouse cursor icon to its left.
- Downstream Manhole: A text input field with a mouse cursor icon to its left.
- Lot: A text input field with a mouse cursor icon to its left.
- Annotate: A checkbox that is currently unchecked.

**Connection Lengths**

- Chainage: A text input field with a double-headed arrow icon to its left.
- Offset: A text input field with a double-headed arrow icon to its left.
- IO Distance: A text input field with a double-headed arrow icon to its left.
- SO Nearest: A text input field with a double-headed arrow icon to its left.
- SO Other: A text input field with a double-headed arrow icon to its left.

At the bottom of the dialog box, there are three buttons: "Apply", "Calculate", and "Close".



#### Connection Data:

**House Connection** Select the geometry representing the property sewerage connection in Plan View or 3D view, the Project Explorer, or Selection Explorer.

**Sewer Line** - Select the sewer line.

**Downstream Manhole** - Select the downstream manhole point for the house connection.

**Lot** - Select the house cadastral boundary Polygon.

**Calculate** - Click Calculate to measure the distances for the selected object, the measurements are displayed in "Connection Lengths" section.

Optionally check the "**Annotate**" check box to display the measurement lines in the graphic view to confirm locations.

#### Connection Lengths:

**Chainage** - Distance from the point of connection of the sewer line along the direction of the sewer pipe to the downstream manhole.

**Offset** - Perpendicular distance from the property connection to the sewer pipe.

**IO Distance** - Distance from the property connection along the direction of the sewer pipe to the downstream manhole.

**SO Nearest** - House Connection perpendicular distance to the nearest cadastral boundary.

**SO Other** - House Connection perpendicular distance to the next nearest cadastral boundary.

**Note:** You can click on any "Connection Lengths" box and change the displayed measurement value or remeasure in Plan View or 3D View by clicking from point to point.

Once happy with the results click **Apply** to save the displayed house connection attributes to the line.

Click **Close** when you are finished.