

Take Off Data

Take Off Data allow the user to create a report to help with the costing of a job. This information can be displayed on the screen and also exported to Excel or PDF.

The **Take Off Data** form is accessed by clicking the **Take Off Data** icon on the [Results Ribbon](#).

The form displays the information across a series of tabs: [Summary Tab](#), [Junctions Tab](#), [Stormwater Controls Tab](#), and [Connections Tab](#).

Summary Tab

Take Off Data
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Summary
Junctions
Stormwater Controls
Connections

Junctions					
Type	Chamber Shape	Diameter (m)	Number	Total Volume (m ³)	Depth (m)
[-] Manhole	Circular		1	2.262	2.00
[-] 1.20m		1.20	1	2.262	2.00
[-] Total			1	2.262	2.00

Stormwater Controls			
Type	Number	Total Displaced Volume (m ³)	Material Volume (m ³)
[-] Porous Paving	1	338.000	0.000
[-] Soakaway	1	21342.155	0.000
[-] Tank	1	259.441	0.000
[-] Total	3	21939.596	0.000

Connections				
Type	Diameter / Base Width (mm)	Number	Total Volume (m ³)	Total Length (m)
[-] Pipe		3	237.225	639.97
[-] 200m	200	1	8.303	264.30
[-] 500m	500	1	18.397	93.70
[-] 975m	975	1	210.524	281.97
[-] Total		3	237.225	639.97

[Help](#)

The summary tab shows the summary table from each of the feature type tabs. See below for more details.

Junctions Tab

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Summary Junctions Stormwater Controls Connections

Type	Chamber Shape	Diameter (m)	Number	Total Volume (m ³)	Depth (m)
Manhole	Circular		1	2.262	2.00
1.20m		1.20	1	2.262	2.00
Total			1	2.262	2.00

Junction

Manhole

Name	Depth (m)	Chamber Shape	Diameter (m)	Volume (m ³)
Manhole	2.00	Circular	1.20	2.262

Help

Summary Table

For each size of [Manhole](#) the total number, volume, and depth are shown.

Itemised List Table

Each [Manhole](#) in the current phase is listed. The drop-down list can be used to quickly navigate to a manhole in the table.



Note

[Simple Junction](#) are not included in these calculations as they do not have any physical dimensions.

Stormwater Controls Tab

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Summary Junctions Stormwater Controls Connections

Type	Number	Total Displaced Volume (m³)	Material Volume (m³)
└ Porous Paving	1	338.000	0.000
└ Soakaway	1	21342.155	0.000
└ Tank	1	259.441	0.000
└ Total	3	21939.596	0.000

Stormwater Control Type: Porous Paving

Stormwater Control: Porous Paving

Name	Total Depth (m)	Paving Layer Depth (mm)	Membrane Percolation (m/hr)	Volume (m³)	Length (m)	Width (m)	Porosity (%)	Unk D
Porous Paving	1.00	0	0.0	338.000	26.00	13.00	100	

Help

Summary Table

For each type of [Stormwater Controls - SWC](#) the total number, cut and fill volume are shown.

Itemised List Table

Each [Stormwater Controls - SWC](#) in the current phase is listed. The type drop-down list can be used to select the stormwater control type to display in the itemised table. The item drop-down list can be used to quickly navigate to a stormwater control in the table.

Volumes

There are two volumes shown for stormwater controls: **Total Displaced Volume** and **Material Volume**.

The displaced volume is the volume of soil that will be removed to accommodate the stormwater control according to the dimensions given. Note that if the stormwater control is sunk below the surface, the volume between the top of the SWC and the surface is not included.

The material volume(s) are the volume(s) of material(s) that will need to be supplied to create the desired stormwater control.

For a [Bioretention](#), the material volume for each filtration layer is displayed.

For other types, the material volume for the fill materials grouped by porosity are shown.

The material volumes calculation removes the underdrain internal volume but does not take into account the thickness of the pipe (as that is unknown).

Note

If an item has a porosity of 100%, the fill volume is 0 and therefore not shown.

Connections Tab

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Summary
Junctions
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Connections

Centre to Centre True Length

Type	Diameter / Base Width (mm)	Number	Total Volume (m ³)	Total Length (m)
Pipe		3	237.225	639.97
┆ 200mm	200	1	8.303	264.30
┆ 500mm	500	1	18.397	93.70
┆ 975mm	975	1	210.524	281.97
┆ Total		3	237.225	639.97

Connection Type

Connection

Name	Length (m)	No. of Barrels	Diameter / Base Width (mm)	Volume (m ³)
Pipe	281.97	1	975	210.524
Pipe (2)	264.30	1	200	8.303
Pipe (3)	93.70	1	500	18.397

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Summary Table

For each type of [Connections](#) the total number, volume, and length are shown. The number of barrels is considered by these calculations.

All channels are grouped together and displayed on a single row.

Itemised List Table

Each [Connections](#) in the current phase is listed. The type drop-down list can be used to select the connection type to display in the itemized table. The item drop-down list can be used to quickly navigate to a connection in the table.

Centre to Centre/True Length

By default, the length of a connection is centre to centre (lengths are as the user enters and go from the centre of each manhole to the centre of the next). If an offset has been calculated then the centre to centre length will be record from the intersection point. For **True Length**, lengths are adjusted based on the point of entry into the Manhole.



Note

Stormwater Controls are not consider in the True Length calculation.

Toolbar

Export To Excel

If the export to Excel icon on the toolbar is clicked, the user will be prompted for a filename. The take off data will be written to this file in Excel 97 format.

Export To PDF

If the export to PDF icon on the toolbar is clicked, the user will be prompted for a filename. The take off data will be written to this file in Adobe acrobat format.