

QSCAD Drainage

QSCadv4 Drainage makes Drainage Measurement easier, faster and more accurate.

	QSCad	?
GENERALLY		
Multuser Access – several users can be measuring on the same drawing	✓	<input type="checkbox"/>
User-defined colours, shading, and line styles	✓	<input type="checkbox"/>
EXISTING SITE INFORMATION		
Enter and store existing site information for...		
Water Table Levels	✓	<input type="checkbox"/>
Rock Levels	✓	<input type="checkbox"/>
PROPOSED CONSTRUCTION DETAILS		
Enter and store Construction Buildups including Backfill and Minimum Depth of Cover to ensure accurate measurement beneath each Surface	✓	<input type="checkbox"/>
Re-use Construction Buildups created during Siteworks measurement	✓	<input type="checkbox"/>
Create user-defined system libraries of Standard Construction Buildups	✓	<input type="checkbox"/>
Create a user-defined project library of Standard Construction Buildups	✓	<input type="checkbox"/>
DRAINAGE DETAILS		
Import Manhole Schedules from a CSV file for easy lookup and use	✓	<input type="checkbox"/>
Make use of Standard details or add user-defined details for...		
Plastic Inspection Chambers	✓	<input type="checkbox"/>
Circular Concrete Manholes	✓	<input type="checkbox"/>
Rectangular Concrete Manholes	✓	<input type="checkbox"/>
Brickwork Manholes	✓	<input type="checkbox"/>
Circular Concrete Catchpits	✓	<input type="checkbox"/>
Concrete Soakaways	✓	<input type="checkbox"/>
Plastic Cellular Soakaways	✓	<input type="checkbox"/>
Attenuation Tanks	✓	<input type="checkbox"/>
Petrol Interceptors	✓	<input type="checkbox"/>
Drain Runs incl. Pipes and Trenches	✓	<input type="checkbox"/>
Covers and Frames	✓	<input type="checkbox"/>
Fittings	✓	<input type="checkbox"/>
MEASUREMENT		
Plot/Measure Chambers on the drawing using an Imported Manhole Schedule details	✓	<input type="checkbox"/>
Plot/Measure Chambers on the drawing entering specific details	✓	<input type="checkbox"/>
Plot/Measure Fittings on the drawing entering specific details	✓	<input type="checkbox"/>
Plot/Measure Soakaways and Attenuation Tanks entering specific details	✓	<input type="checkbox"/>
Measure Drain Runs and enter specific details and Surface Finishes	✓	<input type="checkbox"/>
Measure Drain Run branches & join to other Drain Runs	✓	<input type="checkbox"/>
Identify and measure backdrops	✓	<input type="checkbox"/>
QSCad uses Cover and Invert Levels from Chambers and Fittings to calculate Drain Run Invert levels, trench depths, concrete surrounds or cover slabs, disposal of ground water and breaking out rock quantities	✓	<input type="checkbox"/>
RESULTS		
Live Results always visible in the Summary View Pane	✓	<input type="checkbox"/>
Produce a fully detailed Drainage Schedule for...		
Plastic Inspection Chambers	✓	<input type="checkbox"/>
Circular Concrete Manholes	✓	<input type="checkbox"/>
Rectangular Concrete Manholes	✓	<input type="checkbox"/>
Brickwork Manholes	✓	<input type="checkbox"/>
Circular Concrete Catchpits	✓	<input type="checkbox"/>
Concrete Soakaways	✓	<input type="checkbox"/>
Plastic Cellular Soakaways	✓	<input type="checkbox"/>
Attenuation Tanks	✓	<input type="checkbox"/>
Petrol Interceptors	✓	<input type="checkbox"/>
Drain Runs incl. Pipes and Trenches	✓	<input type="checkbox"/>
Covers and Frames	✓	<input type="checkbox"/>
Fittings	✓	<input type="checkbox"/>
Print Detailed Drainage Schedule	✓	<input type="checkbox"/>
Export Detailed Drainage Schedule to Excel	✓	<input type="checkbox"/>
Create a Detailed Drainage Summary of measured items	✓	<input type="checkbox"/>
Select the Drainage items to be included in the Drainage Summary	✓	<input type="checkbox"/>
Print Detailed Siteworks Summary	✓	<input type="checkbox"/>
Export Detailed Siteworks Summary to Excel	✓	<input type="checkbox"/>

	QSCad	?
RESULTS (Cont'd.)		
Produce a Draft BQ in...		
SMM7 format	✓	<input type="checkbox"/>
NRM2 format	✓	<input type="checkbox"/>
CESMM4 format	✓	<input type="checkbox"/>
MMHW4 format	✓	<input type="checkbox"/>
Print the Draft BQ	✓	<input type="checkbox"/>
Export the Draft BQ to Excel	✓	<input type="checkbox"/>
Separate the Draft BQ based on Masterbill Elite Parts & Elements	✓	<input type="checkbox"/>
Transfer the Draft BQ items to Masterbill Elite	✓	<input type="checkbox"/>
FULL AUDIT TRAIL		
Use the Summary View Pane to locate selected item(s) including...	✓	<input type="checkbox"/>
All Drain Runs use a particular size pipe	✓	<input type="checkbox"/>
All Drain Runs below ground water level	✓	<input type="checkbox"/>
All Drain Runs with concrete surround / cover slab	✓	<input type="checkbox"/>
All instances of a particular fitting	✓	<input type="checkbox"/>
All Manholes of a certain depth	✓	<input type="checkbox"/>
All Drainage trenches of a certain depth	✓	<input type="checkbox"/>
Visual Bills - view the items that generated the BQ items on the drawing	✓	<input type="checkbox"/>
GRAPHICAL DISPLAY		
Print coloured-up drawings displaying all Drainage measurements	✓	<input type="checkbox"/>
Print coloured-up drawings displaying selected Drainage measurements	✓	<input type="checkbox"/>
Export to coloured up drawings direct to PDF	✓	<input type="checkbox"/>
Add a Legend to the Drawing	✓	<input type="checkbox"/>
Add Quantities to Measurement Labels	✓	<input type="checkbox"/>
EDITING DRAINAGE MEASUREMENTS		
Amend single or multiple items by switching Construction Buildups	✓	<input type="checkbox"/>
Amend single or multiple items by amending Construction Buildups	✓	<input type="checkbox"/>
Amend a Chamber and all connected Drain Runs in a single operation	✓	<input type="checkbox"/>
Allocate user-defined Filters to Drainage Items	✓	<input type="checkbox"/>
Allocate Masterbill Elite Parts & Elements to Drainage Items	✓	<input type="checkbox"/>
Amend Drainage Details to change all associated measurements	✓	<input type="checkbox"/>
Recycle Bin for all Deleted Measurements	✓	<input type="checkbox"/>
Restore Deleted Items from the Recycle Bin	✓	<input type="checkbox"/>
WORKING WITH REVISIONS		
Overlay Drawings to Spot the Difference	✓	<input type="checkbox"/>
Create a new revision of the drawing with a new measurement file	✓	<input type="checkbox"/>
Create a new revision of the drawing re-using existing measurements	✓	<input type="checkbox"/>
Generate a Combined Summary to Compare & Quantify Revisions	✓	<input type="checkbox"/>
ALTERNATIVE MEASUREMENT APPROACHES		
Work with separate Foul Water and Surface Water drawings	✓	<input type="checkbox"/>
Consider Alternatives or "What If's"	✓	<input type="checkbox"/>
TRAINING AND SUPPORT		
Masterbill Academy Online Training Course	✓	<input type="checkbox"/>
Telephone and Email Support	✓	<input type="checkbox"/>

