QSCadv4 Siteworks makes Cut and Fill Measurement faster and more accurate.

	QSCad	?
GENERALLY		
Multiuser Access – several users can be measuring on the same drawing	✔	❑
User-defined colours, shading, and line styles	✔	❑
EXISTING SITE INFORMATION		
Enter and store existing site information for…		
Existing Levels	✔	❑
Topsoil Depths	✔	❑
Water Table Levels	✔	❑
Rock Levels	✔	❑
Minimum Site Strip Depths	✔	❑
Breaking Up Existing Surfaces Depths	✔	❑
Specify Minimum and Maximum values for each type of information to trap errors	✔	❑
Enter levels by selecting the spot heights on the CAD drawing	✔	❑
Enter levels manually by identifying where they apply	✔	❑
Enter levels by calculation from other surrounding entered levels	✔	❑
Specify a level for a user-defined area	✔	❑
Specify an area where a detail applies e.g. topsoil, rock, breaking up	✔	❑
Enter levels by interpolating at a specific point along a line	✔	❑
Enter levels by interpolating at specific centres along a line	✔	❑
Enter levels by selecting and importing Contours	✔	❑
Enter levels by tracing/drawing Contours	✔	❑
Specify the centres at which to sample each individual Contour	✔	❑
Import levels from a CAD drawing layer	✔	❑
Import levels from a File created in another drawing or package	✔	❑
Export levels to a File for use in another drawing or package	✔	❑
PROPOSED CONSTRUCTION AND LEVELS		
Construction Details		
Create multiple user-defined system libraries of Standard Construction Buildups	✔	❑
Create a user-defined project library of Standard Construction Buildups	✔	❑
Stores complete Construction Buildup including Descriptions and Depths to enable complete construction to be measured in one action	✔	❑
Specify the default calculation grid centres for each Construction Buildup	✔	❑
Re-use previous Buildup descriptions from a dropdown list	✔	❑
Specify the additional fill material for beneath each Construction Buildup	✔	❑
Create a new Construction Buildup based upon an existing Buildup	✔	❑
Edit/Amend Construction Buildups in the Project or Library	✔	❑
Delete Construction Buildups from the Project or Library	✔	❑
Measurement		
Specify the calculation grid centres to suit individual measured areas	✔	❑
Siteworks area measurement using 'snapping' functions	✔	❑
Siteworks area measurement by 'using properties' of previous areas	✔	❑
Enter and Assign Proposed Levels…		
Prior to the measurement of Siteworks areas	✔	❑
As part of the measurement process after each measurement	✔	❑
After all measurement is completed	✔	❑
Enter Proposed Levels by…		
Selecting the spot heights on the CAD drawing	✔	❑
Manually identifying where they apply	✔	❑
Calculation from other surrounding entered levels	✔	❑
Interpolating at a specific point along a line	✔	❑
Interpolating at specific centres along a line	✔	❑
Selecting and importing Contours	✔	❑
Tracing/drawing Contours	✔	❑
Specifying the centres at which to sample each individual Contour	✔	❑
Importing levels from a CAD drawing layer	✔	❑
Importing levels from a File created in another drawing or package	✔	❑
Export Proposed levels to a File for use in another drawing or package	✔	❑

	QSCad	?
Measurement Validation / Checking		
Check Level Information at a specific point	✔	❑
Check Level Information for a specific calculation grid square	✔	❑
Check Level and Calculation Information for a specific Siteworks area	✔	❑
Produce a Levels Grid for Existing and Proposed Levels across the site	✔	❑
View Live Results for Cut and Fill for selected areas	✔	❑
RESULTS		
Create a Detailed Siteworks Summary of measured areas	✔	❑
Select the Siteworks areas to be included in the Siteworks Summary	✔	❑
Sort the Siteworks Summary based upon the values in any column	✔	❑
Print Detailed Siteworks Summary	✔	❑
Export Detailed Siteworks Summary to Excel	✔	❑
Produce a Draft BQ in…		
SMM7 format	✔	❑
NRM2 format	✔	❑
CESMM4 format	✔	❑
MMHW4 format	✔	❑
ARM3 format	✔	❑
Visual Bills - view the areas that generated the BQ items on the drawing	✔	❑
Separate the Draft BQ based on Masterbill Elite Parts & Elements	✔	❑
Transfer the Draft BQ items to Masterbill Elite	✔	❑
Print the Draft BQ	✔	❑
Export the Draft BQ to Excel	✔	❑
GRAPHICAL DISPLAY		
Show the Calculation Grid Squares where there is Cut or Fill	✔	❑
Create a user-defined interactive Cross-Section	✔	❑
WORKING WITH LEVELS		
Edit single or multiple levels to a specific value	✔	❑
Adjust single or multiple levels by a specific value	✔	❑
Move single or multiple levels to a specific location	✔	❑
Copy single or multiple levels to a specific location	✔	❑
Copy and Adjust levels by…		
A specific value	✔	❑
A slope ratio	✔	❑
A slope angle	✔	❑
A slope percentage	✔	❑
Delete single or multiple levels	✔	❑
EDITING SITEWORKS MEASUREMENT AREAS		
Amend single or multiple areas by switching Construction Buildups	✔	❑
Amend single or multiple areas by amending Construction Buildups	✔	❑
Amend Siteworks areas by changing the area shape	✔	❑
Allocate user-defined Filters to Siteworks areas	✔	❑
Allocate Masterbill Elite Parts & Elements to Siteworks areas	✔	❑
RECALCULATION		
Automatic background calculation of Siteworks areas	✔	❑
Manually recalculate selected Siteworks areas	✔	❑
WORKING WITH REVISIONS		
Create a new revision of the drawing with a new measurement file	✔	❑
Create a new revision of the drawing re-using existing measurements	✔	❑
ALTERNATIVE MEASUREMENT APPROACHES		
Work with separate Existing and Proposed drawings	✔	❑
Adopt a Two Stage Process to accommodate Enabling Works etc.	✔	❑
Adjust for Steeply Sloping Surfaces	✔	❑
Consider Alternatives or "What If's"	✔	❑
TRAINING AND SUPPORT		
Masterbill Academy Online Training Course	✔	❑
Telephone and Email Support	✔	❑