



Getting Started with QSCAdv4 Drainage – Syllabus

Introducing QSCAdv4 Drainage

- The Concept of QSCad Siteworks
- The Drainage Ribbon

Preparing for Drainage Measurement

- Setting Up the Drawing
 - Setting Drainage Layer Colours
 - Consider Drainage Measurement Layers
- Entering Existing Site Details
 - Adding Water Table Levels
 - Adding Rock Levels
- Entering Construction Buildups
 - An Introduction
 - The Basic Properties
 - The Construction Buildup
 - Additional Filling Details
 - Drainage Settings
 - Construction Buildups – Creating and Editing
 - Creating a Construction Buildup
 - Importing Construction Buildups from a Library
- Import Manhole Schedule(s)

Chamber Measurement

- The Masterbill Standard Chamber Components
 - The Component settings
 - The Component Worksheet
- Measuring Plastic Inspection Chambers
- Measuring Brickwork Manholes
- Measuring Concrete Manholes
- Creating and Checking a Manhole Schedule

Fittings Measurement

- The Masterbill Fittings Component
- Measuring Fittings
 - Soil and Vent Pipes
 - Back Inlet Gullies
- Creating and Checking a Fittings Schedule

Drain Run Measurement

- The Masterbill Standard Drain Run Component
 - An Introduction to Drain Run Measurement
 - Drain Run Variables/Properties
- Drain Run Measurement
 - Fittings to Inspection Chambers
 - Fittings to Manholes
 - Between Chambers
 - Fittings to Drain Runs (Branches)
 - Creating and Checking Drain Run Schedules

Other Drainage Items Measurement

- Precast Concrete Soakaways
- Precast Concrete Catchpits
- Attenuation Tanks / Cellular Soakaways
- Petrol Interceptors

Results

- The Summary View Pane in Drainage
- Drainage Summaries
- Using Filters with Drainage
- Integration with Masterbill Elite

Editing Drainage Measurements

- Editing Chambers
- Editing Fittings
- Editing Drain Runs
- Updating Construction Buildups
 - Changing Construction Depth
 - Changing Backfill Type
 - Changing Minimum Depth of Cover
- Updating Site Details
- Editing the Masterbill Standard Drainage Components
 - Changing the Defaults
 - Amending the Component to reflect the design
 - Adding to a Component
 - Adding Additional Data to a Component Summary

Graphical Output

- Producing a Measurement Record
- Producing a User Defined Graphical Output
 - Standard Selection Procedures in the Summary View Pane
 - QSCad Measurement Layers
 - QSCad Filters or MBElite Parts and Elements
- A Real-Life Example

Working with Drawing Revisions

- Adding a New Revision and Copying Measurements
- Re-using Measurements in another Drawing and/or another Project
 - Copying Measurements from another drawing
 - Pasting Measurements on another drawing/revision on the same/another project

Further Information and Training

- The Masterbill Website
- Telephone Support
- Email Support
- Bespoke Online Training
- Other Masterbill Academy Courses