CADopia announces the release of CADopia 18 software for engineers and architects

New release provides perpetual license to CAD users and frees them from the mandatory annual subscription requirement of other CAD vendors
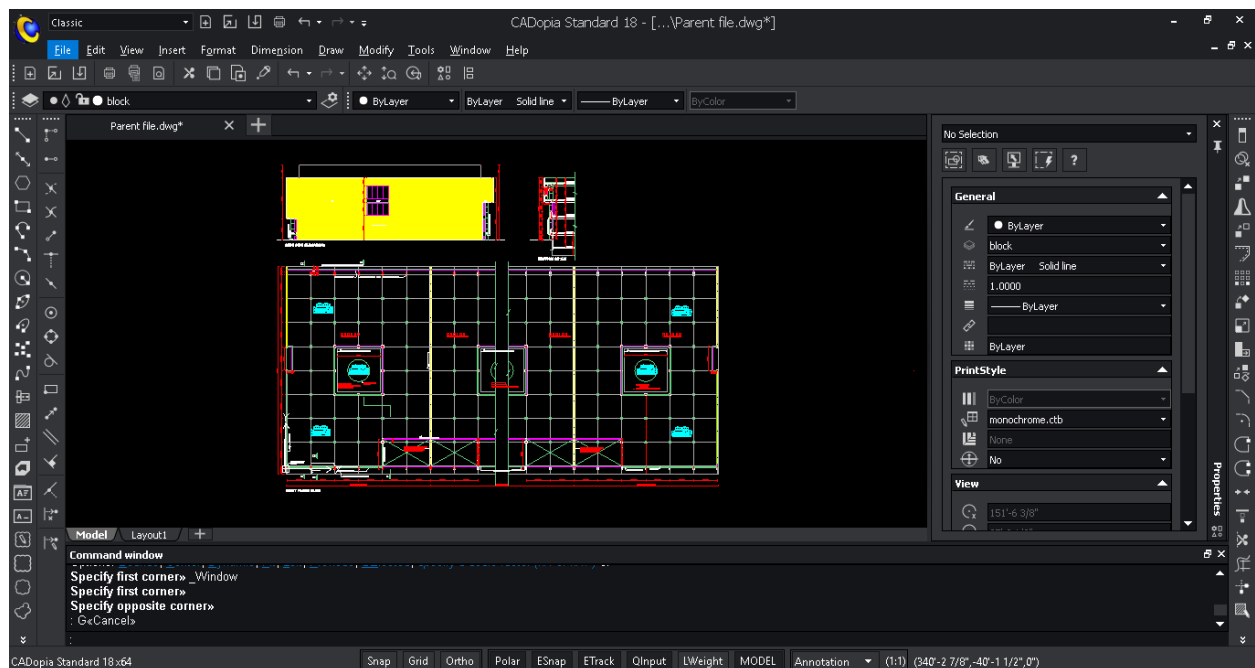
New in CADopia 18

DWG 2018 Support

CADopia 18 supports reading the DWG 2018 format drawing files and it continues to maintain compatibility with legacy DWG files of AutoCAD®.
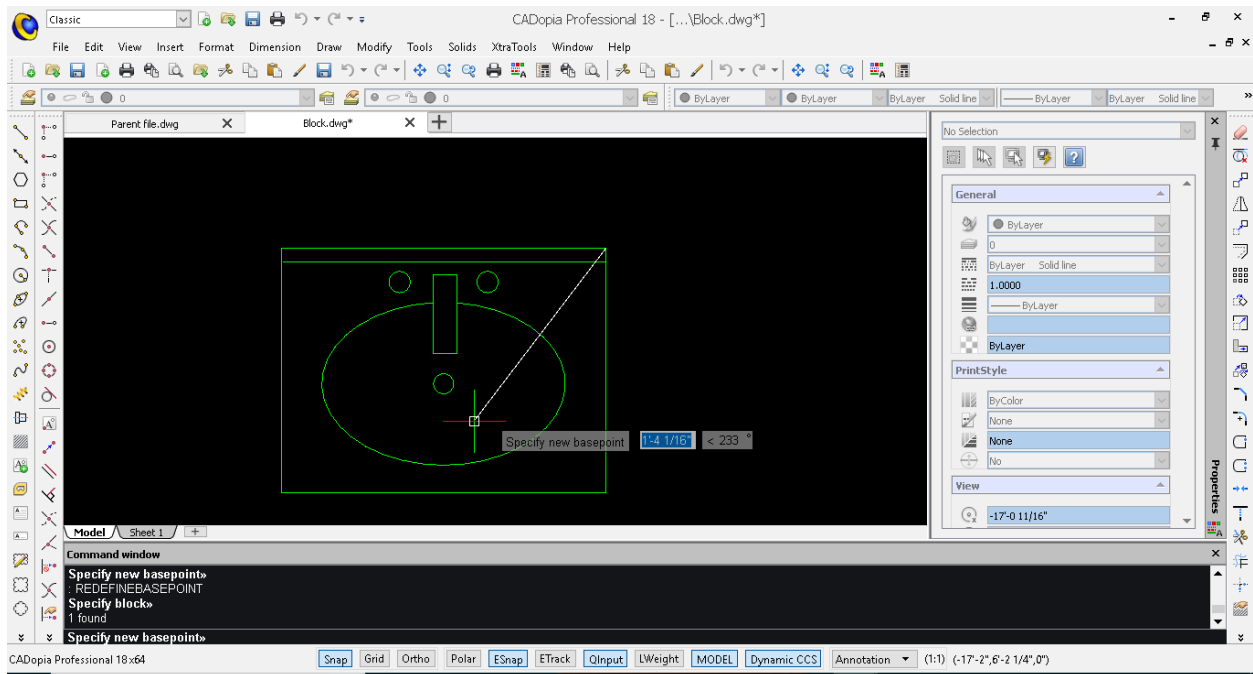
New User Interface

CADopia has a new dark user interface, but you have the option to switch between the dark user interface and the white user interface. You can also switch between ribbon and classic interfaces.
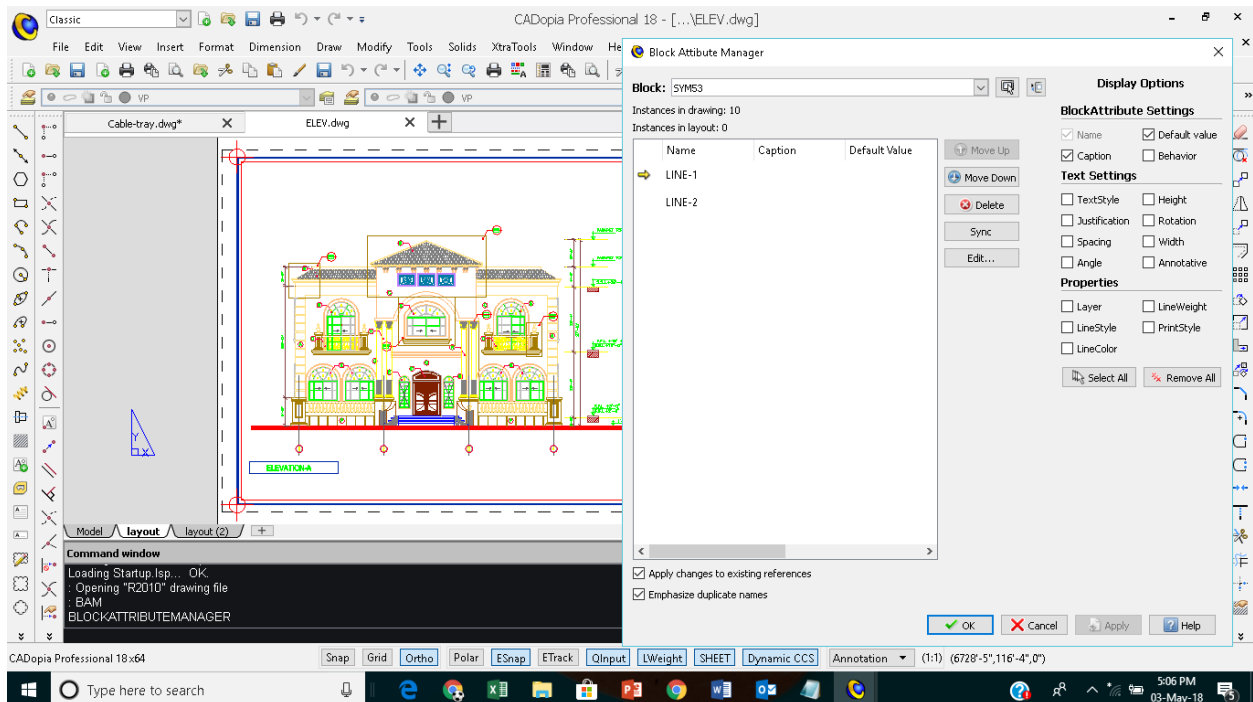

Redefine Base Point of a Block

The new REDEFINEBASEPOINT command allows you to set a new base point for blocks.
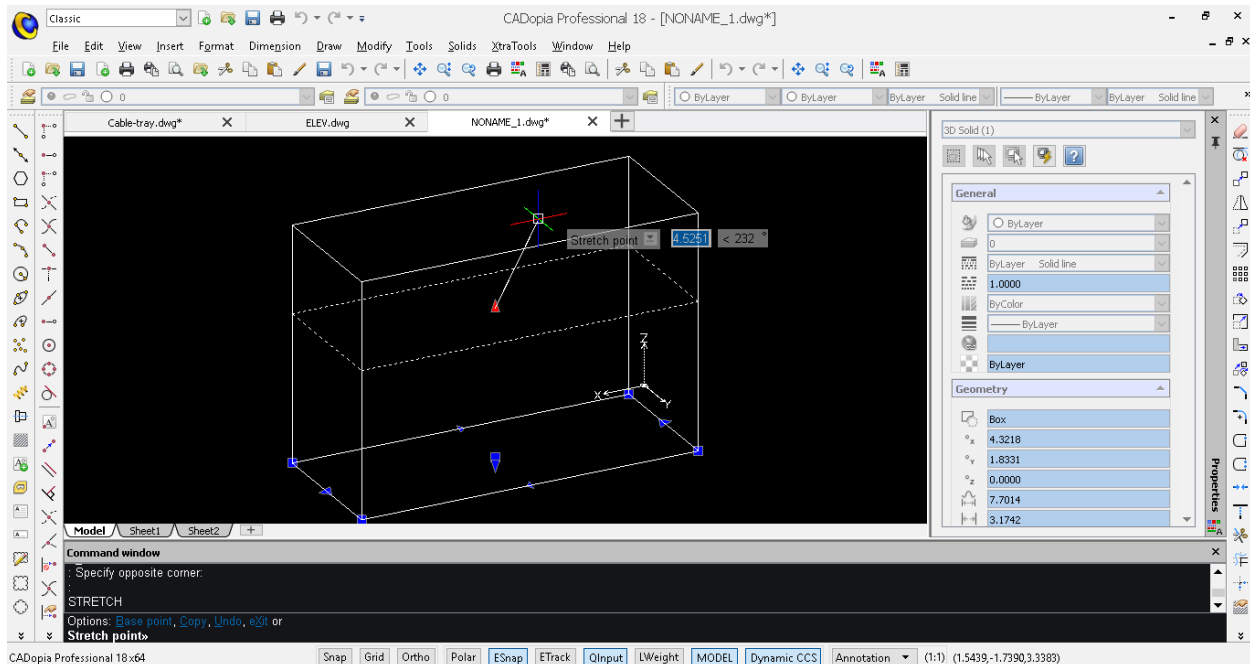
Edit Block Attributes properties

The new Block Attributes Manager lets you redefine the attributes definitions of a block intuitively. You may define the visibility of an attribute, change the order, default values and other parameters, directly from a comprehensive dialog box.
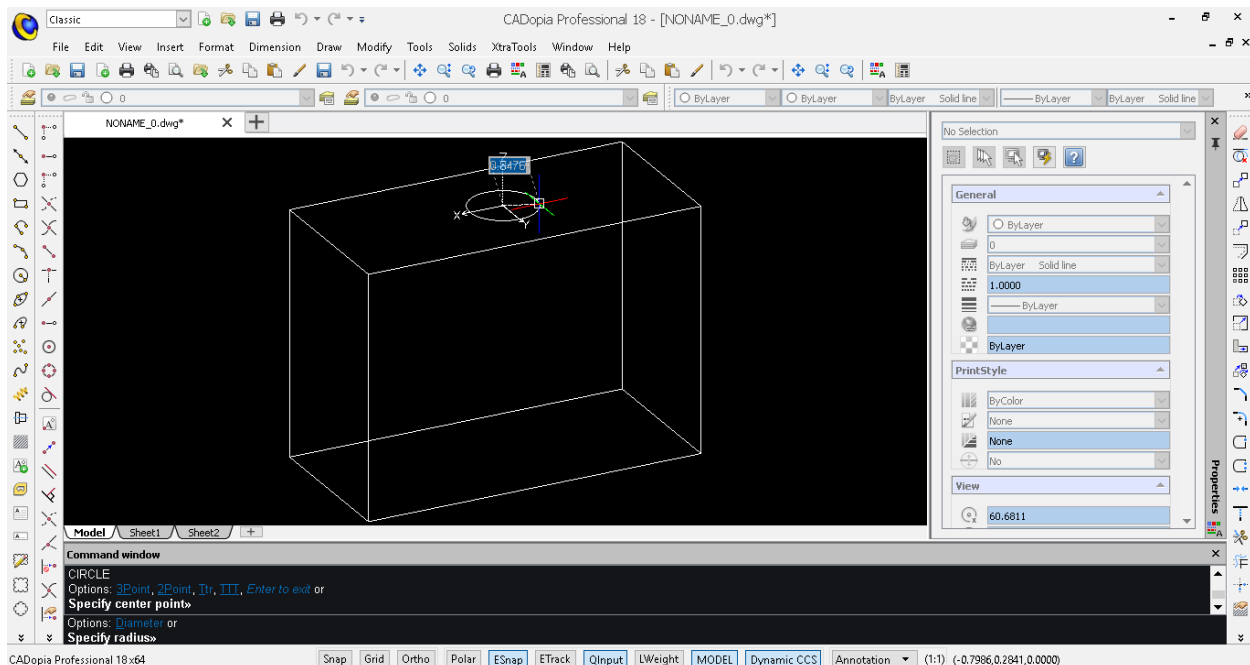
Modify 3D solid primitives

New grip points in 3D solid primitives allow you to edit the dimensions of the solid directly. You may also use Quick Input to input a new value.

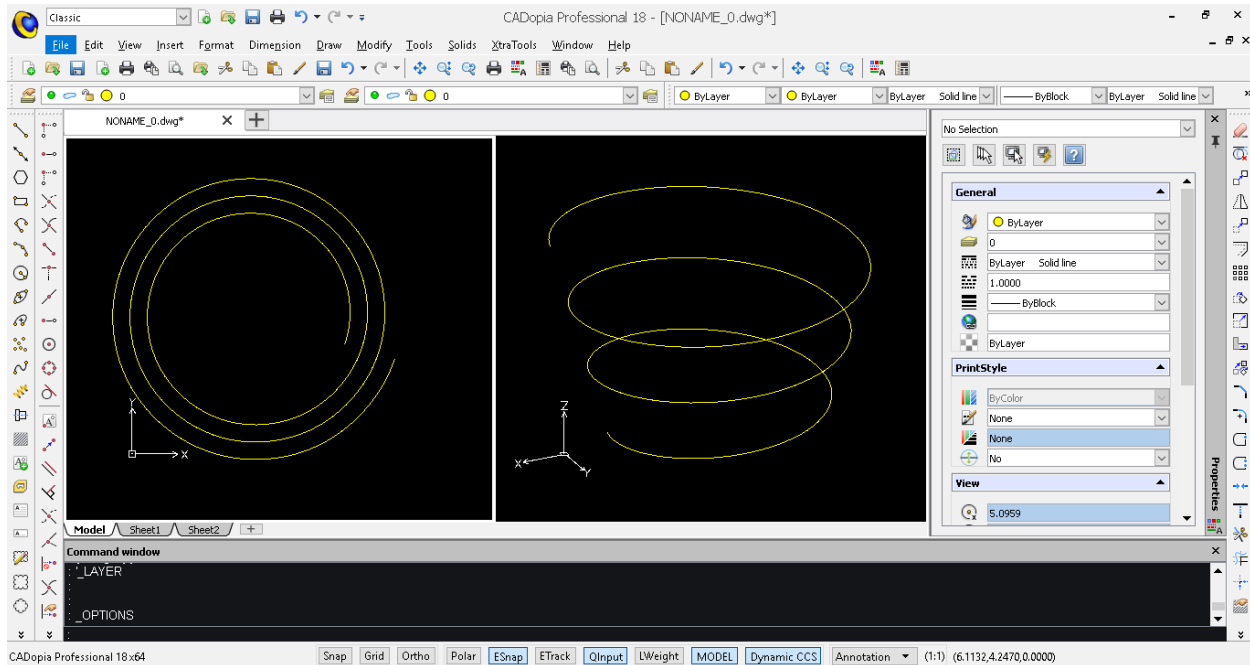## Dynamic Custom Coordinate System (CCS)

Enable the Dynamic CCS to automatically align the coordinate system to the face you are editing

The Dynamic CCS can be turned on or off from a toggle in the bottom of the User Interface or by pressing F6. When enabled the CCS gets aligned to the surface automatically as you move over it.
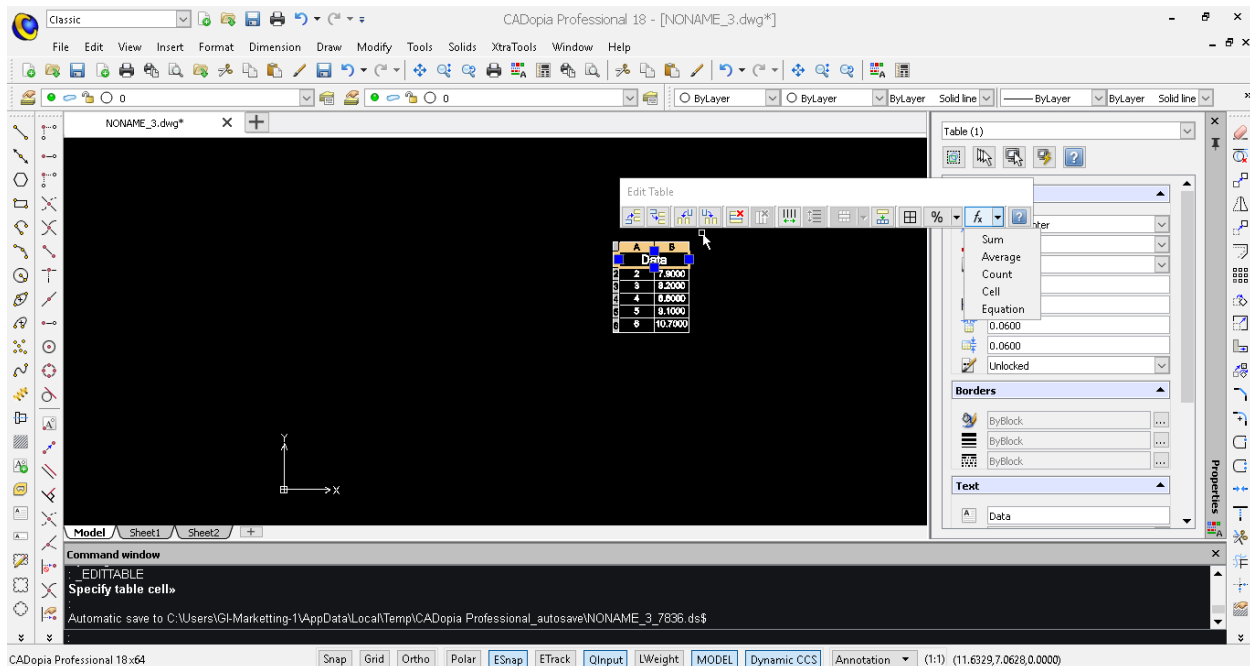
2D SPIRAL and 3D HELIX

Create 2D spirals and 3D helices.

The HELIX is a new entity that can be used in 2D to create spirals or in 3D to create helices. You may further use an HELIX as an extrusion path and create complex shapes such as bolt threads, circular stairs or ramps.
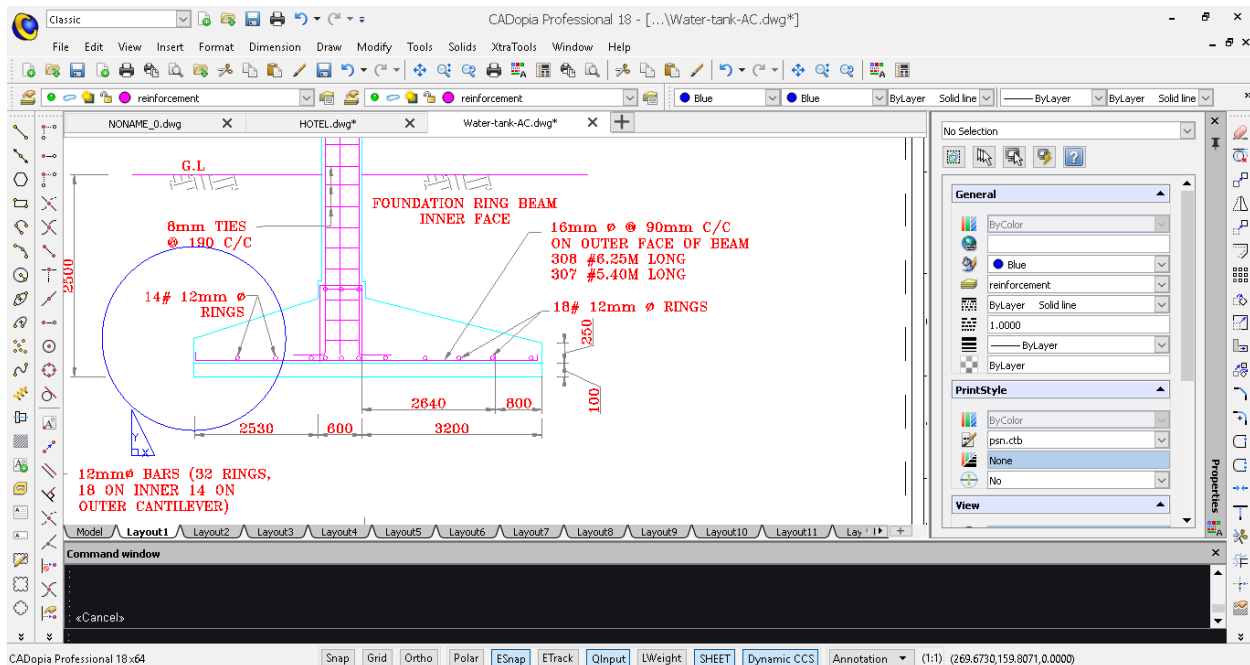
Formulas in Tables and Export to Excel

Use formulas in tables from within your drawings and improve workflows with Microsoft Excel® using import from/export to Excel feature.

Annotate with MultiLeaders

Use MultiLeaders to annotate drawings with a single text and multiple arrows.

Usability Improvements

Move entities incrementally with arrow keys, copy entities to current layer or paste content from the clipboard to the current layer

You may now select entities and move them with the arrows of your keyboard by an increment that can be adjusted in the options. This helps to adjust the position of entities in an interactive way.

While using the COPY command you may also select to copy entities directly to the current layer instead of their original layer. Similarly, the PASTE command allows you to place the content of the clipboard to the current layer.