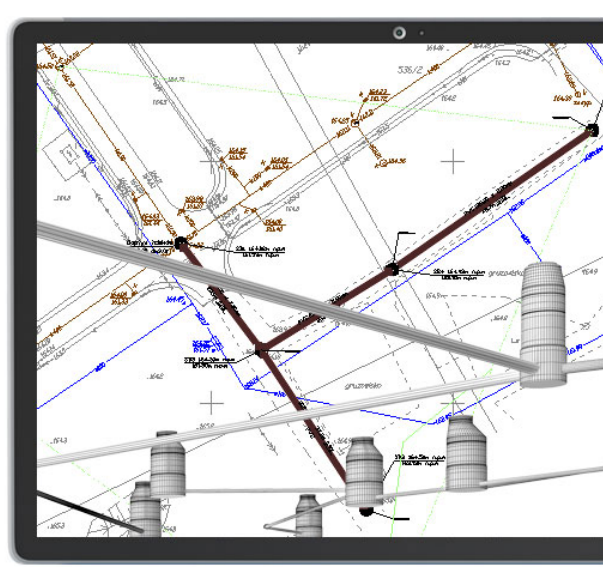# ArCADia SEWAGE SYSTEMS

Comprehensive design of conventional gravity and pumping sewage systems.

The program allows for the creating of the documentation of sewerage networks and external sewerage installations including connections.

The program takes into account the types of wastewater and the related division into sanitary, rainwater and combined sewage.
The functionality of the ArCADia-SEWAGE NETWORK program enables object-oriented drawing of spatial development maps by means of logically connected network elements and sewage systems. On the basis of the network model drawn on the map, the designer generates auxiliary drawings: profiles, schematics for the construction of concrete wells and invert channels. On the generated profiles it is possible to change the incline and depth of the network.
On the basis of the network model, the program performs hydraulic calculations of the sewerage network: sanitary, combined and rainwater.
Finally, the user generates lists and lists of materials, invert channel lists of concrete wells, coordinate listing and data for making a cost estimate.
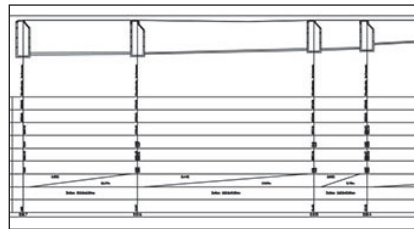This module expands the capabilities of the ArCADia BIM program with advanced functions, which means that part of the building modelling options are available in the ArCADia BIM program:
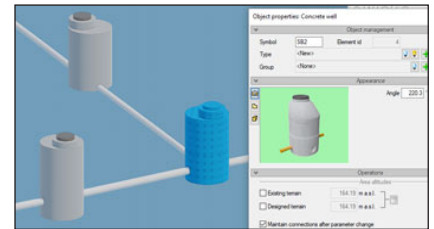
ArCADia LT, ArCADia, ArCADia PLUS

Advanced features of The ArCADia-SEWAGE SYSTEMS module:

Designing networks including sanitary, rain and combined.

Automatic generation of profiles with the option of automatic modification of model changes on the map.
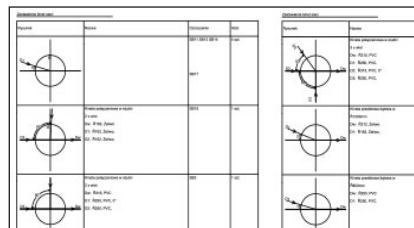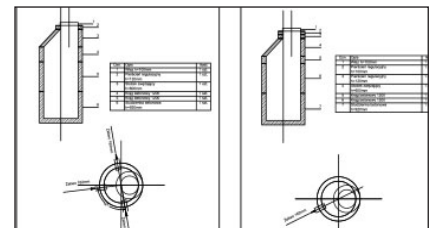

Modeling of gravity and gravity-pumping networks.

Automatic generation of hydraulic calculations.

Automatic generation of invert channel lists.

Automatic generation of concrete well assembly drawings.