

Topic: Using the layers

Series of training unsolved tasks for subject „CAD design in landscape engineering“

In drawing „

Vo výkrese „Using the layers“ is displayed shore line, islands, historic stream and its tributary, axes and names of cross-sections, dimensions and title.

1. Create layers and place the objects in them:

- Shore line – layer „shoreline“ - printed blue continuous 0.20 mm
- Islands – layer „island“ - printed red continuous 0.20 mm
- historic stream and its tributary – layer „steam“ – not printed magenta dashed 0.50 mm
- axes of cross-sections – layer „section_axis“ - printed cyan dash-dot 0.50 mm
- names of cross-sections – layer „section_name“ - printed yellow continuous 0.20 mm
- dimensions – layer „dimension“ - printed green continuous 0.20 mm
- title – layer „title“ - printed white continuous 0.50 mm

2. Edit the block of elevation dimension using layers:

- Non-text objects will inherit all parameters (color, lineweight, linetype) of layer of block
- Description will inherit the color, lineweight, linetype of layer of block, but it will be in separate layer (you will create it), which can be separately turned on/off so it will be possible to have the description of elevation dimension in attribute without its displaying
- Hint: consider the settings of „ByLayer“/“ByBlock“ and layer „0“