

## AguaClara : AutoCAD Floc Called Inputs

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This page last changed on Dec 10, 2008 by [ar329](#).

### Inputs Needed to Call the Flocculation Tank Program

**numfloc<sub>tanks</sub>** - Indicates the number of flocculation tanks specified in the plant design.

**floc<sub>inleth</sub>** - Indicates the height of the floc inlet pipe.

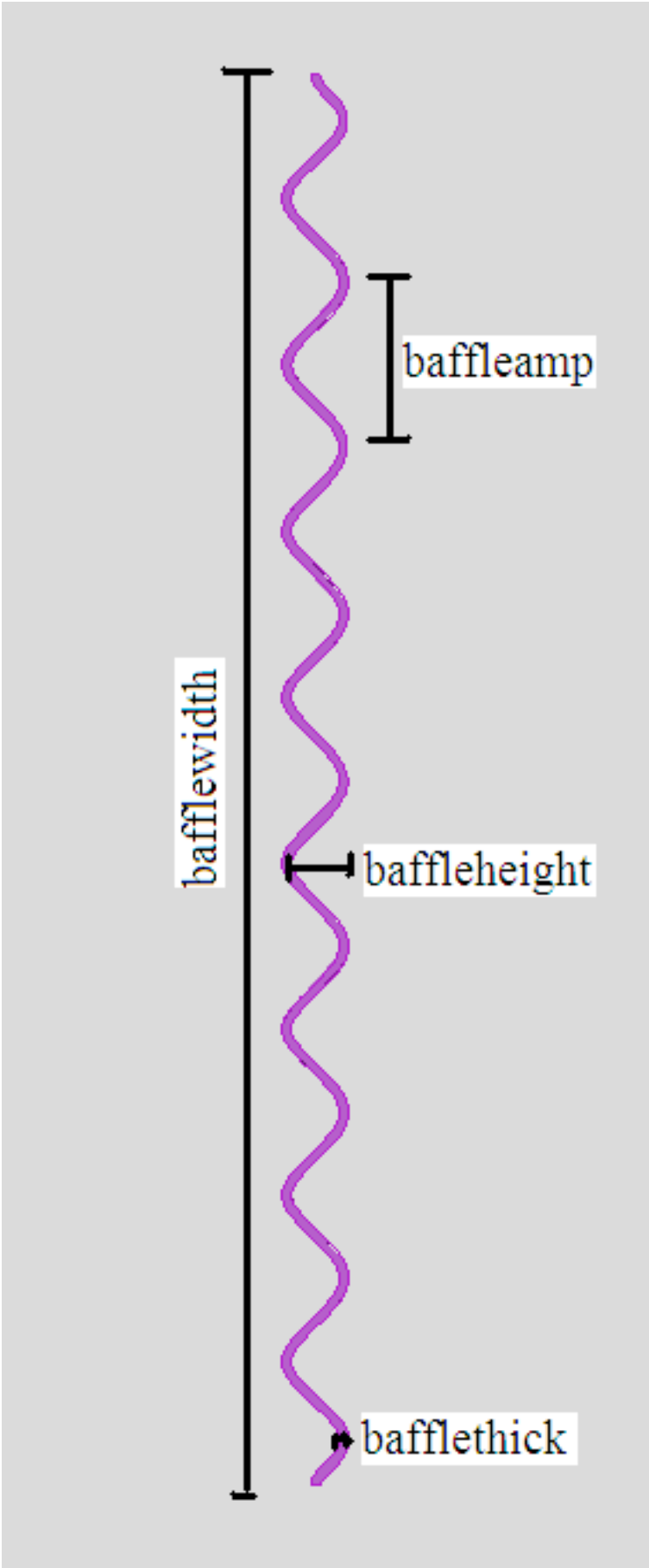
**flochole<sub>dim</sub>** - A 3\*1 matrix with x,y,z user defined inputs specifying the dimensions of the flochole.

**floc<sub>dim</sub>** - A 3\*1 matrix specifying the x,y,z dimensions of the floc tank.

- x: tank<sub>dim0</sub>
- y: tank<sub>dim1</sub>/numfloc<sub>tanks</sub>
- z: tank<sub>dim2</sub>

**baffle<sub>tank1</sub><sub>location</sub>** - A 22\*3 matrix that specifies the x,y,z coordinates of the base points from which each baffle in the tank will be drawn.

**baffle<sub>tank1</sub><sub>num</sub>** - Specifies the number of baffles that will be drawn in tank 1.



Top View

**baffle<sub>amp</sub>** - Specifies the amplitude of each baffle.

**baffle<sub>width</sub>** - Specifies the width of each individual baffle.

**baffle<sub>periods</sub>** - Specifies the period of each baffle

**baffle<sub>num</sub>** -

**baffle<sub>x</sub>** -

**baffle<sub>thick</sub>** - Specifies the thickness of each baffle.

**baffle<sub>slope</sub>** - Specifies the slope of the baffles with respect to the bottom of the tank.

**baffle<sub>col</sub>** -

**baffle<sub>y</sub>** -