Inputs Needed to Call the Flocculation Tank Program

numfloctanks - Indicates the number of flocculation tanks specified in the plant design.

floclinlet - Indicates the height of the floc inlet pipe.

flocholedim - A 3*1 matrix with x,y,z user defined inputs specifying the dimensions of the flohole.

flocdim - A 3*1 matrix specifying the x,y,z dimensions of the floc tank.
  - x: tankdim0
  - y: tankdim1/numfloctanks
  - z: tankdim2

baffletank1location - 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.

baffletank1num - Specifies the number of baffles that will be drawn in tank 1.
\textbf{baffle}_{\text{amp}} - Specifies the amplitude of each baffle.

\textbf{baffle}_{\text{width}} - Specifies the width of each individual baffle.

\textbf{baffle}_{\text{periods}} - Specifies the period of each baffle

\textbf{baffle}_{\text{num}} -

\textbf{baffle}_{\text{x}} -

\textbf{baffle}_{\text{thick}} - Specifies the thickness of each baffle.

\textbf{baffle}_{\text{slope}} - Specifies the slope of the baffles with respect to the bottom of the tank.

\textbf{baffle}_{\text{col}} -

\textbf{baffle}_{\text{y}} -