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Paroma Chakravarty's Individual Contribution Page

Summer 2013 Contributions

This summer I was a part of the design team. My task was to complete two drawings, one for a new stock tank mixer and the other for new spacers in the stacked rapid sand filter. I wrote code that would integrate these new pieces into the existing AutoCAD drawings.

Fall 2013 Contributions

I updated the sedimentation tank code by adding in design details, such as support structures to the inlet manifold and shifting the inlet jet over.

Spring 2014 Mid-Semester Contributions

I am merging May's sedimentation tank code and the current sedimentation tank code to form a cohesive code. I am also adding more support structures, ensuring the inlet manifold enters at 90 degrees, and altering the emergency drainage pipe code.

Fall 2015 Contributions

I am updating the documentation associated with the sedimentation tank design. This entails creating diagrams to display the design parameters of the tank and formatting the tank's section to make it easier to read.