

BREADTH WORK

Since mechanical rooms will need to be added to the roof of The Waverly on Lake Eola, an analysis of the current structural system is an obvious choice for a breadth design topic. Testing the feasibility of the current system to carry additional loads versus the added costs of additional concrete structure will be a critical design analysis.

I will also attempt to do a cost analysis on the construction methods used in building The Waverly. Since there are many LEED construction criteria that could have easily been met during the construction phase, it will be interesting to look into the added costs affiliated with sustainable design. I will focus on any unnecessary costs of construction that occurred during the building of The Waverly.