

Breadth Options

Topic 1:

The first topic that will be covered is in the field of construction management. With this new design I will compare the effect of cost and scheduling of the new system to the existing system in Pearl Condominiums. This information will then be used to see if the flex frame system is an economical and efficient alternative to the existing structural system.

Topic 2:

The second topic that will be covered is in the field of Sustainability and its impact on the overall building systems and its architecture. I will try to see how using these ideas will change the systems used in this building. With the use of this idea, the architecture aspect will have to be considered with respect to the floor layouts and the façade. During this analysis, the pros and cons of using the sustainable design will be discussed and a conclusion will be made on whether this could have been done with the current design or if it would have been too costly to use.