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Lighting/Electrical
Dr. Mistrick
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Thesis Design Proposal

Executive Summary:

The design proposal I have drawn up for my thesis is comprised of two main components: the depth work, and the breadth work. The depth work will be further broken down into two other elements, namely the lighting depth and the structural depths. The lighting depth will consist of a redesign of 4 spaces. These spaces are the building lobby, the concession area, the fitness center, and the building top tower. The electrical depth will focus on the necessary changes and alterations due to the lighting redesign, as well as two price comparisons; one dealing with the advantages and disadvantages of an aluminum wiring system, and the second regarding the use of high efficiency transformers. The remaining work to be done is in the field of the breadths of my thesis. The two breadths that I will perform will be on relocating the mechanical equipment that is currently overhead the competition pool, and the second will be a cost analysis of the entire project from a construction management point of view.