

Loyola/Notre Dame Library, Baltimore, MD

Thesis Proposal



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Construction Management

Dr. Horman

Dec. 18, 2007

Executive Summary

In this thesis proposal, my four analyses have been selected for further thesis research. I plan to concentrate on the following topics, two of which will be my breadth studies outside of the construction management option:

1.) Depth Analysis 1:

Case Study: Sustainability in Renovations (the Pentagon)

2.) Depth Analysis 2:

Construction Zones Occupied: Incorporating ICRA safety precautions into construction documents and planning.

3.) Breadth Analysis 3:

Life Cycle Cost Analysis: Load Calculations of Existing vs. New Energy-saving Cooling Tower (Incorporate Cost difference for CM)

4.) Breadth Analysis 4:

Prefabricated Curtain Wall: Analysis of affected structural elements such as slabs and columns (Incorporate schedule and cost problems for CM)

These four analysis proposals have been modified after speaking with Dr. Horman on Jan. 14th, 2008. I feel that I will be able to conduct the necessary research in order to complete my Senior Thesis by April 9th, 2008.