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**CM Thesis Proposal Part I: Critical Thesis Issues**



**Executive Summary**

Technical Assignment 3 contains a summary of the 14<sup>th</sup> Annual PACE Roundtable, as well as information regarding the topics that I will focus on for my Final Thesis presentation. The summary discusses the two sessions I attended, Frontiers for Innovation and Healthcare Facility Design and Delivery II.

The following sections take the topics discussed at the PACE Roundtable and apply them to the analyses I will do for my Thesis presentation. The critical issue I have decided to focus on is the scarcity of Building Information Models, BIMs, in the MEP coordination process. My goal for this study is to develop a better understanding as to why this great tool is not used more in the construction industry. Included in this part of the assignment is a copy of the questions I will ask Gilbane's project manager and superintendent, as well as a copy of the survey I will distribute to the MEP project managers and superintendents on the Recreation Hall Project.

The final section of this assignment breaks down the three analyses I will be researching. The three topics are the replacement of the reinforced fill system for Recreation Hall, the use of pro-press fittings for the plumbing installation and the addition of LEED credits. The research I will conduct is described for each analysis.

## **Table of Contents**

Critical Industry Issues.....	1
Critical Issues Research Method .....	4
Problem Identification.....	6
Technical Analysis Methods .....	7
Appendix A.....	i
Appendix B .....	ii