



SENIOR THESIS PRESENTATION OUTLINE

MADISON SMITH – CM

- I. INTRODUCTION (2 screens)**
 - a. Project
 - b. Outline of presentation/analysis's
- II. PROJECT BACKGROUND (2 screens)**
 - a. Building information
 - i. Location
 - ii. Function
 - iii. Cost
 - iv. Schedule
- III. ANALYSIS #1: PHOTOVOLTAIC FAÇADE (12 screens)**
 - a. Problem Identification/Research Goal (1 screen)
 - b. System Design (2 screens)
 - c. Electrical Breadth (3 screens)
 - i. Energy Production
 - ii. Electrical Components/Tie-in
 - iii. Results
 - d. Structural Breadth (2 screens)
 - e. Feasibility Analysis (3 screens)
 - i. Cost
 - ii. Rebates/Incentives
 - iii. Payback Period
 - f. Recommendation and Conclusion (1 screen)
- IV. ANALYSIS #2: PREFABRICATED FAÇADE (8 screens)**
 - a. Problem Identification/Research Goal (1 screen)
 - b. Original Façade Construction Method (1 screen)
 - c. Prefabricated Façade Design (2 screen)
 - d. Schedule Impact (1 screen)
 - e. Cost Impact (1 screen)
 - f. Site Congestion (1 screen)
 - g. Recommendation and Conclusion (1 screen)
- V. ANALYSIS #3: LEED CERTIFICATION (5 screens)**
 - a. Problem Identification/Research Goal (1 screen)
 - b. Soft Costs (1 screen)
 - c. Summary of Points Analyzed (1 screens)



- d. Cost Summary for Each Rating (1 screens)
- e. Recommendation and Conclusion (1 screen)

VI. SUMMARY OF CONCLUSIONS (1 screen)

VII. ACKNOWLEDGEMENTS (1 screen)

PRESENTATION SUMMARY:

- Total of 31 screens
- Only Electrical Breadth will be presented
- Analysis #3 (LEED Certification) will be briefly summarized. (Every point analyzed will not be discussed in detail)