

Anthony Jurjevic
Thesis Presentation Outline
Construction Management
Advisor: Dr. Robert Liecht
March 24, 2011

- I. Introduction (2 Slides)
 - a. Self Introduction
 - b. Project Introduction
 - c. Outline of Presentation Material
- II. Project Background (2 Slides)
 - a. Location
 - b. Building Parameters
 - c. Project Parameters
- III. Analysis 1: PV Analysis (10 Slides)
 - a. Project Identification/Research Goal
 - b. Research and System Design
 - c. Electrical Breadth- Energy Production, System Tie-In, Rendered Results (3 Slides)
 - d. Structural Impact
 - e. Feasibility Analysis- Cost, Rebates, Payback Period (3 Slides)
 - f. Conclusion and Final Recommendation
- IV. Analysis 2: Hollow Core Plank Application (6 Slides)
 - a. Problem Identification: Overview of existing system design, and schedule
 - b. Structural Breadth: Calculations, Sizing, Production, Cost (2 Slides)
 - c. Revised Schedule: Photographs of Application
 - d. Cost Comparison
 - e. Conclusions and Final Recommendation
- V. Analysis 3: BIM Utilization (10 Slides)
 - a. BIM Background on Project/ Problem
 - b. BIS Use Analysis
 - c. Space Management and Tracking-Phase Planning, Benefit, Implementation (4 Slides)
 - d. Case Study summary of results (2 Slides)
 - e. Potential Value for General Contractor
 - f. Conclusions and Final Recommendation
- VI. Summary Of Conclusions (1 Slide)
- VII. Acknowledgements (1 Slide)

Presentation Summary:

- Total Slides: 32 (3 Three Screen Slides)
- Both Electrical and Structural Breadths will be Presented
- Analysis 2 will not be presented in great detail