



Presentation Outline

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- I. Introduction (2 screens)**
 - a. Self
 - b. Project
 - c. Presentation Outline

- II. Project Background (2 screens)**
 - a. Project Location
 - b. General Building Statistics
 - i. Contract Type/Cost
 - ii. Schedule
 - iii. Systems
 - iv. Project Goals and Project Driving Forces

- III. Analysis #1 Shift From Mobile Cranes to Tower Cranes (3 screens)**
 - a. Problem Identification
 - b. Site Logistics
 - c. Productivity Analysis
 - d. Schedule Impacts
 - e. Cost Analysis

- IV. Analysis #2 Critical Industry Issue –Use of Prefabrication in Patient Rooms (5 screens)**
 - a. Problem Identification
 - b. Introduction of Prefabricated Items/Parameters
 - c. Trade Coordination
 - d. Cost Impacts
 - e. Schedule Impacts and Savings
 - f. Recommendation and Conclusion

V. Analysis #3 Value Engineering of Green Roof (7 Screens)

- a. Problem Identification
- b. Green Roof Background Information
- c. Potential Green Roof s to be Value Engineered
- d. Possible Alternatives/Architectural Impacts
- e. Upfront Costs of Each Alternative
- f. PV Panel System Design
 - i. Structural Breadth #1
 1. Green Roof Loads and Analysis
 2. PV Panel Loads and Analysis
 3. Load Diagrams
 4. Results
 - ii. Electrical Impacts and Tie-ins

VI. Summary Of Conclusions (1 screen)

VII. Acknowledgements (1 screen)

Presentation Summary:

- Total of Screens 21
- Only Structural Breadth will be presented.