Brooke Helgesen Construction Management Dr. Chimay Anumba Kaiser Permanente Medical Office Building Thesis Presentation Outline

#### Introduction (1 screen)

Project Background

## ❖ Project Background (2 screen)

- Owner information
- Site and Local Factors
- Building Statistics

# ❖ Analysis 1- Change Project Delivery Method to IPD (5 Screens)

- Problem Identification
- Proposal/Goal
- Research findings: IPD Case Study House of the Temple of the Scottish Rite
- Schedule & Cost Impacts of Coffer Design Issue
- Conclusions
- Final Recommendation

## Analysis 2- Curtain Wall System (5 Screens)

- Problem Identification
- Proposal/Goal
- Curtain Wall type & Application
- Schedule & Cost Impacts
- Conclusions
- Final Recommendation

## Analysis 3- LED Temporary Lighting System (7 Screens)

- Problem Identification
- Proposal/Goal
- LED FLEX SLS System Overview & benefits
- Power Consumption Comparison of LED vs. Other temp lighting
- Cost Comparison of LED vs. other temp lighting
- Lighting/ Electrical Breadth: Power Plan & Lighting Layout comparison of LED vs. Fluorescent Temp. Lighting
- Other factors to consider/Obstacles
- Conclusions
- Final Recommendation

## Analysis 4- Implementation of Green Roof on Exterior Terraces (4 Screens)

- Problem Identification
- Proposal/Goal
- Research findings: Positive Impact of Green Roof Exposure on healing process
- Green Roof Type, Application, & Layout
- Cost & Schedule Impacts
- Conclusions
- Final Recommendation
- Conclusions (1Screen)
- Acknowledgements (1 Screen)
- Questions (1 Screen)

Approx. # of Screens: 27

<sup>\*</sup>Outline of Presentation always to remain on far left screen at all times

<sup>\*</sup>Only Presenting Lighting/ Electrical Breadth (not Architectural Breadth)