

1. Introduction (2 slides)
  - a. Building description and a brief summary of building statistics
  - b. Main concepts that are important to the owner and implemented in design
2. Lighting Depth
  - a. Overall design concepts that guided the lighting design throughout the building (1 slide)
  - b. Covered Entrance and Covered Walkways (3 slides)
    - i. Spatial description of space in relationship to the rest of the building
    - ii. Design Criteria
    - iii. Lighting layout and luminaires selected
    - iv. Results and renderings
  - c. Primary Classroom (3 slides)
    - i. Spatial description of space in relationship to the rest of the building
    - ii. Design Criteria
    - iii. Lighting layout and luminaires selected
    - iv. Results and renderings
3. Electrical Depth
  - a. Emergency System Redesign (2 slides)
    - i. Existing emergency system highlighting areas to be changed and purpose of change
    - ii. New emergency system showing changes made
  - b. Photovoltaic study (3 slides)
    - i. Goals for PV array
    - ii. Description of arrays created and how much energy they will create
    - iii. Energy savings and cost analysis
4. Structural Breadth (3 slides)
  - a. Roof analysis to determine if the current roof system can hold the added PV panels and whether this will change the payback period
    - i. Show existing roof sections to show existing roof system
    - ii. Explain the loads on the roof and the calculations used to determine the new loads
    - iii. Show that the system does not affect the system and therefore will not increase the cost of implementing a photovoltaic study
5. Summary (1 slides)
  - a. Reiterate the two lighting spaces that I redesigned, my two electrical depths, and my structural breadth.
6. Special Thanks and Questions (1 slide)