

Chris Hoyman
Lighting/Electrical
Dr. Mistrick, Faculty Consultant
The School of Forest Resources Building
University Park, PA
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Lighting Proposal Memo

The spaces I have chosen to redesign are as follows:

Aquaculture Lab and Aquariums

-Large open workspace in the basement level of the building. Houses numerous aquariums and water tanks, used for display and study purposes for water resources. Tasks include monitoring aquariums and display. Current lighting includes pendant mounted fluorescent strip fixtures controlled by a Lutron dimming system.

Video and Teleconference Room

-Large conference room on the second floor of the building. Desks are arranged in a "U" configuration and the room is lit currently by 2'x2' recessed fluorescent fixtures. Tasks include reading, writing, and most importantly speaking via video conferencing. This makes facial appearances a primary concern.

Atrium

-Primary building entrance, extending from the first to the fourth floors of the building. The Atrium serves as a central circulation area for the building, leading to most corridors as well as the elevators and stairways. Also functions as a display area and social gathering space. Primary tasks include speaking and walking, along with viewing display areas. The area is designed to be lit with recessed circular downlights.

Main Exterior Entrance

-Leads to the atrium area inside the building. Building has a glass, metal, brick, and stonework façade. This area is one of the main exterior architectural features of the building. It also serves as one of the primary pedestrian entrances. Tasks are primarily walking and safety, especially at night. The area is currently lit with 3 streetlamp style fixtures.