

## **Lighting Proposal Memo**

There are four spaces for which I plan on implementing an original lighting design for this thesis project. The spaces are as follows:

- Large Work Space – Open Office Space
- Special Purpose Space – Auditorium
- Circulation Space – Prefunction Area
- Outdoor Space – Plaza

For the auditorium, I will provide three schematic design concepts.

For the outdoor plaza, I will produce two lighting solutions that will convey two different psychological impressions.

### **Large work space – Open office space**

#### **Description:**

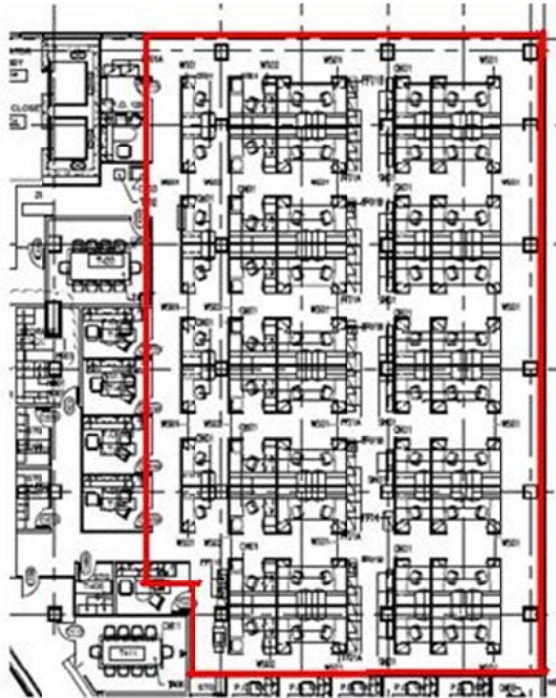
Every floor of the building contains a large open office space of similar size. For this project I will focus on creating a lighting solution for the open office space on the seventh floor, or fourth floor of the tower (level 4T). The overall dimensions are 68.5' x 101'-11". Computers are planned to be set up at every cubical, therefore, provisions must be made for semi-specular monitors. Visual tasks will include reading and writing.

#### **Surface Materials:**

Floor – Modular Carpet Tile

Walls - North and east elevations are made up of a glass curtain wall system while south and west elevations are gypsum wall board.

Ceiling – 2 x 2 Acoustical Ceiling Tile



## Special purpose space – Auditorium

### Description:

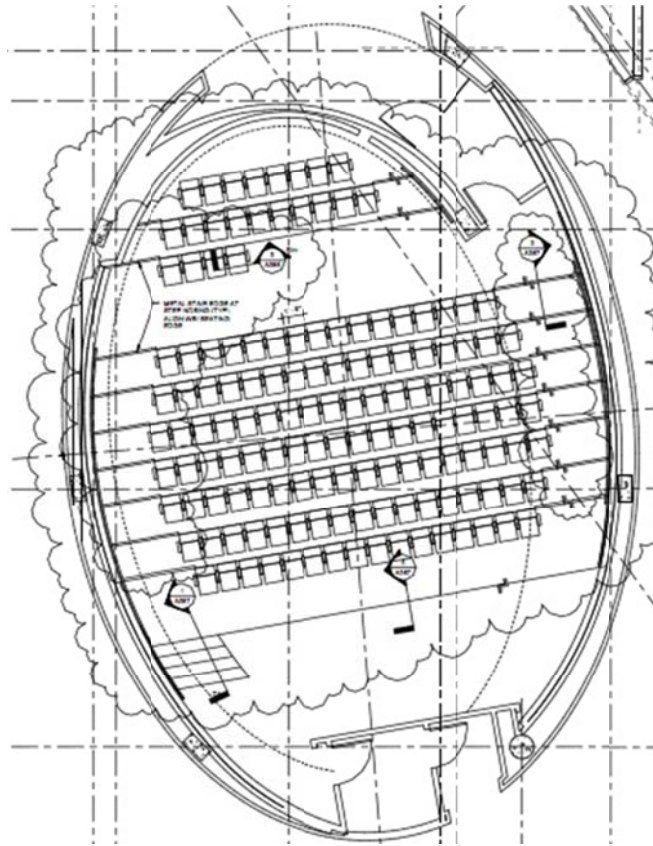
The auditorium is located on the first level of the southern section of the building. It is elliptical in shape and is approximately 1594 SF with a 39.5' width, 50' length and 16'-0" high. A stage in front of a large projection screen sits at the southern end of the auditorium. There will also be a projector and video camera located at the opposite end of the stage. This space will primarily be used for presentations. Visual tasks will include reading and special consideration must be made for proper facial modeling.

### Surface Materials:

Floor – Wood Flooring for the stage and modular carpet tile for the seating area.

Walls – Stone for the east and west walls and wood paneling for the north and south walls.

Ceiling – Painted gypsum wallboard.



## Circulation space – Prefunction space

### Description:

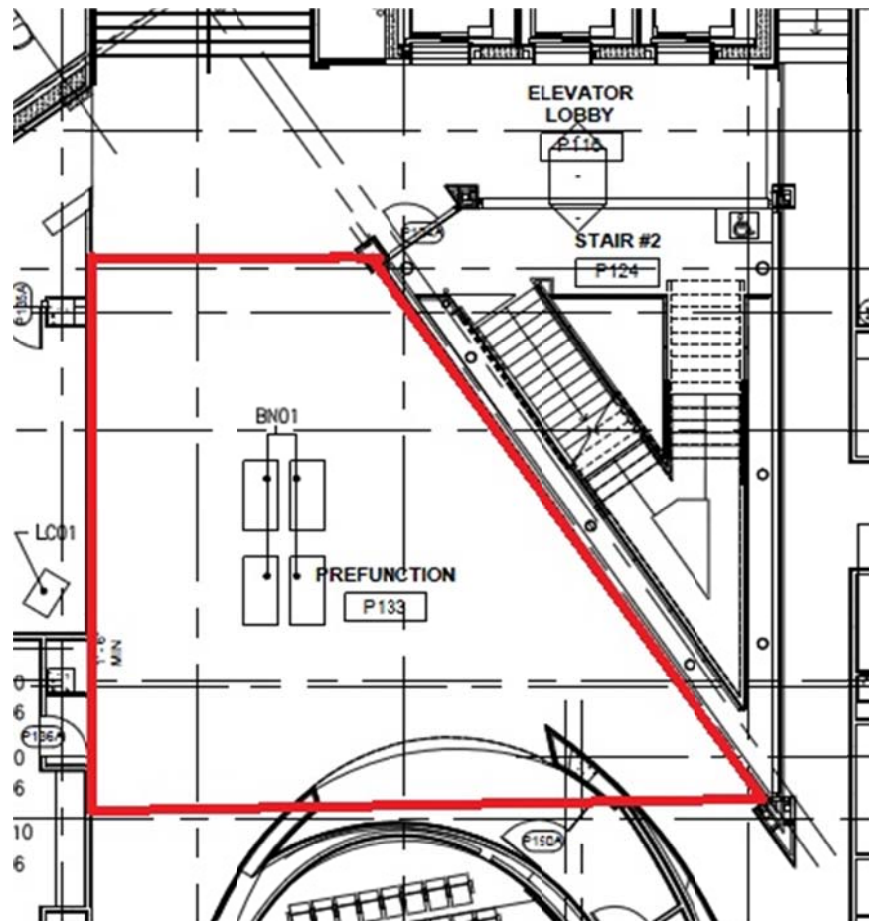
The prefunction space is located on the first floor just north of the auditorium. Its dimensions are as follows; 49'-3" for the southern side, 25' northern side, 40' long and 16' high. This space will be used as a gathering place for people preparing to attend presentations or meetings in the auditorium or large divisible conference room. Some of the visual tasks will include circulation, egress, and on certain occasions eating and reading.

**Surface Materials:**

Floor – Stone Floor (Plank)

Walls – Stone finish on the western wall and glass enclosed staircase for the eastern elevation.

Ceiling - Painted Gypsum Wall Board



## Outdoor space - Outdoor plaza

### Description:

The outdoor plaza is located where the three below grade levels transition into a five story triangular tower. It is over 35,000 SF plaza contains several pedestrian walkways and seating areas and also doubles as a green roof for the lower levels. In addition to pathways and benches, this outdoor area will contain will have vegetation such as trees and shrubs. The purpose of this space will be for relaxation and circulation.

### Surface Materials:

The main surface materials are ground and concrete

