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Technical Assignment #1: Existing Conditions



Executive Summary

The purpose of this technical assignment is to compile lighting information and make an analysis about the existing spaces. This report will include a list of the equipment used, required illuminance levels, ASHRAE power density limitations, material characteristics and an analysis of how these systems and criteria work within the spaces. All of those items will be discussed in detail relating to design criteria and compared to the existing conditions.

The report is broken up by space and will guide you through each space the same way. The sections begin with a description of the conditions and then a summarized list of the layout, equipment used and materials. Then you are taken into an analysis section where renderings are provided and at the end of each section is a short summary.