
Overview

Now that you know the characteristics of your **site and building**, you analyzed your **client/brand**, evaluated your **space** and developed your **program & concept statement**; it is time to start developing your **floor & ceiling plans**.

This assignment provides you with an opportunity to **design and draw to scale floor & RCP plans** for your facility.

Objectives

- Based on evidence, apply all information and research findings to solve the problem (**Community Facility**), through two-dimensional development.
- Understand why **space planning** is important, what it means and involves, and how the process works within the phases of design.
- Perceive the needs of client and users, understanding the spaces and designing a **floorplan** in square footage required for a program.
- Identify and define relevant aspects of a design problem (goals, objectives, performance criteria).
- Apply information and research findings to design.
- Be able to develop your **design concept** into your project ideas.
- Demonstrate creative thinking and originality through the presentation of a **floor and reflecting ceiling plan** that shows ideas, approaches and strong concepts of a specific brand.

Assignment/Procedure

Design Concept

Based on your **design concept**; implement your ideas for your store design. Develop into your floor and RCP plans your ideas and objectives for each space and apply the strategies, structures and materials you will use to achieve them.

Floor Plans

- Evaluate the components of your **floor plans** (A scale diagram of the arrangement of spaces in your building)
- Develop Floor Plans for 1st and 2nd floors of your facility.

RCPs Plans

- Evaluate the components of your **RCPs** (Reflected ceiling plan is part of the overall architectural drawings. It shows the lighting, sprinklers, smoke detectors, and any other objects that are located in or on the ceiling)
- Develop RCP Plans for 1st and 2nd floors of your facility.

A4-Design Phase Plans Development

Drawing Presentation

- Start your plans by hand sketching
- Final presentation by scaled drawings (CAD or REVIT FILES) Scale 1: 1/8

Deliverables

- Hand sketched plans showing process
- Scaled CAD or REVIT files of your plans

Due Date

Tuesday Oct 10th

- A4 Intro

Thursday Oct 12th

- Desk Critics

Tuesday Oct 17th

- Floor & RCP Plans scale **First approach before midterm**

**Remember that you cannot design your plans just in two dimensions. To better visualize your design ideas you must work in 3 dimensions helping yourself with sketches, elevations and sections.*