

ARC 366 Arch. Design III - Farmingdale State College - Fall Semester 2014

Instructor: Eric Anderson, AIA

Project 1 – Room for a Personal Library Collection (part 1)

Vision: Provide a suitable space using authoritative standards for library space planning and equipment to support a collection of 500 books on architecture.

Site: The site is your bedroom where you currently reside.

Goal: Redesign the room to support the collection: 25% of the collection is oversized books. Provide seating for one person, one workstation with an all-in-one personal computer (no printer) and wall display space for Arch D size sheets that will be framed.

Objective 1: The library should be a comfortable place to use architectural books as a resource for study in preparation for design class. Seating should be flexible, and permit use of a table or more informal seating (such as a footstool).

Objective 2: Provide display space for ten Arch D sized sheets.

Objective 3: Cite three independent authoritative sources for the space allocation and design of the library.

Objective 4: Code compliance:

- Make sure the existing exits will be sufficient based on the Building Code of NYS; identify the use group that governs the design constraints.
- Any function not specifically called out in the goals and objects.
- Design elements that should conform to ADA and Chapter 11 of the Building Code of NYS must be specifically identified.

Limitations: Your solution may propose no modifications to the perimeter of the existing room. Subdivision of the space using walls, ceilings, or platforms is permitted.

Submission: Based on your concept, prepare a layout of your solution.

- Graphically sketch or draw the concept by hand using professional drawings and presentation conventions.
- Clearly identify the functional and circulation concept of the analysis and proposal.
- Cite all planning sources to identify the number and size of shelves required for 1500 books and for space standards for shelving, seating, workstation, etc.
- All submission will be on 11 x 17 sheets and a PDF file. Any solution submitted in alternate formats will automatically be assigned a grade of "F".