Landscape Architecture Orientation II
Assignment 2- Rowing Beach

TOPIC

Rowing, sometimes called crew in the United States, is the sport of racing boats using oars. It differs from paddling sports in that rowing oars are attached to the boat using oarlocks. Rowing is divided into two disciplines: sculling and sweep rowing. In sculling, each rower holds two oars—one in each hand, while in sweep rowing each rower holds one oar with both hands. There are several boat classes in which athletes may compete, ranging from single sculls, occupied by one person, to shells with eight rowers and a coxswain, called eights. There are a wide variety of course types and formats of racing, but most elite and championship level racing is conducted on calm water courses 2 kilometers (1.2 mi) long with several lanes marked using buoys. Large races consisting of several teams are called regattas. - from Wikipedia

SITE

Managed by the US Army Corps of Engineers, the park has a boat launch, playground, picnic shelters, beach, frisbee golf, and restrooms. Swimming at your own risk is allowed and fishing is permitted. It is located just north of Clemson on SC Highway 133, this park sits at the confluence of the Seneca and Twelve Mile Rivers, forming Lake Hartwell.

PROJECT GOALS

The goal of this project is to create a rowing beach that services the Clemson Rowing Club and the public. The site must accommodate a boat house, a boat launch, training areas, team gathering areas, regattas up to 10 teams, public restrooms, parking, spectator viewing area, and associated programs. We will establish a project concept, site opportunities, site constraints, and measurable project goals. We will research the sport of rowing, perform site inventory and analysis and will development a defensible master plan with concept compatible programs. The master plan should provide a well-defined and functional **entry sequence**, accessible and intuitive **circulation**, purposefully located **comfort amenities**, and concept compatible **rowing programs.** The design should be appropriately dimensioned to accommodate the desired activity and create a comfortable, functional, and memorable experience from the user(s) perspective.

SITE PROGRAM

The master plan may include, but is not limited to, the following elements:

- Entry / Threshold
- Boat House
- Training Facilities (outdoor and indoor)
- Boat Launch / Dock
- Team Gathering Space
- Restrooms
- Parking
- Spectator Viewing Area
- Associated Programs

ASSIGNMENT 2: TASKS

Task 1: Rowing Research- hint- visit the US Rowing webpage to get started

Research the sport of rowing both sweep and sculling.

Consider:

1. Users- Frances
2. History- Frances

3. The act of rowing- Marshall
4. Training requirements- Marshall

5. Storage requirements- Meredith
6. Equipment- Meredith

7. Racing requirements- April
8. Transportation requirements- April

9. Precedent projects- Alex

Deliverables:

One (1) 24x 36 board explaining your research topic

One (1) document of 5-10 questions to ask rowers about your topic

Due Date: 3/28/2022 (Draft 3/18/2022)

Task 2: Inventory and Analysis

Site Map- In association with your Graphic Representation class

Requirements: Requirements are as follows:

1. Visit the site
2. Select location
3. Take inventory of the site
4. Document existing conditions graphically. May Include:
    a. Hardscape elements
    b. Landscape elements
    c. Specimen trees
    d. Utilities
    e. General topography (high points, low points, ridges, swales, contours if possible)
    f. Viewsheds
    g. Structures
    h. Ecological systems
    i. Geological systems
    j. Hydrological systems
    k. Social systems
    l. Circulation patterns
    m. Site character
    n. Site comfort conditions
    o. Sound conditions
    p. Site access
    q. Site context
    r. Other

5. Analyze two (2) topics that are of the most interest to your project,
6. All drawings need to have a title, name, graphic scale, and cardinal directions

Deliverables:

One (1) 24x 36 Base Map of Existing Site- Rendered

One (1) 24 x36 Analysis Board- Rendered

One (1) 24 x36 Board displaying results from the rowers meet-and-greet (class project)

Due Date: 04/01/2022 (Base Map Draft 3/18/2022)

Task 3: Concept, Opportunities, Constraints, and Goals

Develop a concept and three corresponding opportunities and constraints. Develop 1-2 goals for your project.

Deliverables:

One (1) 24x 36 Describing your concept, opportunities, and constraints

Due Date: 04/01/2022

Task 4: Dimensioned Drawings

Draft by hand a dimensioned drawing of a rowing shell in plan, section, and cross section.

Shells:

1. 8-person sweep- April
2. 4-person sweep- Marshall
3. 4-person scull- Alex
4. Single scull- Meredith
5. Pair scull or sweep- Francis

Deliverables:

One (1) 24x 36 Drawing on vellum or nice drawing paper. In pencil or pen.

Due Date: 04/08/2022

Task 5: Master Plan

Design a master plan containing the following elements:

- Entry / Threshold
- Boat House
- Training Facilities (outdoor and indoor)
- Boat Launch / Dock
- Team Gathering Space
- Restrooms
- Parking
- Spectator Viewing Area
- Associated Programs

Deliverables:

One (1) 24 x 36 Master Plan- Rendered

One (1) 24 x 36 Sections Board containing two (2) sections minimum (before and after)

Two (2) 24 x 36 Analysis Boards (can combine with previous analysis board)

One (1) Site Model

Due Date: Final Review 04/25/2022 (Drafts Due: 04/22/2022 and 04/15/2022)