



LARC 1520: Basic Design II

Project 2: What's in a Tree?

Instructors Browning and Pearson
Spring 2021

Project Due Date: Monday, February 15th (170 points)

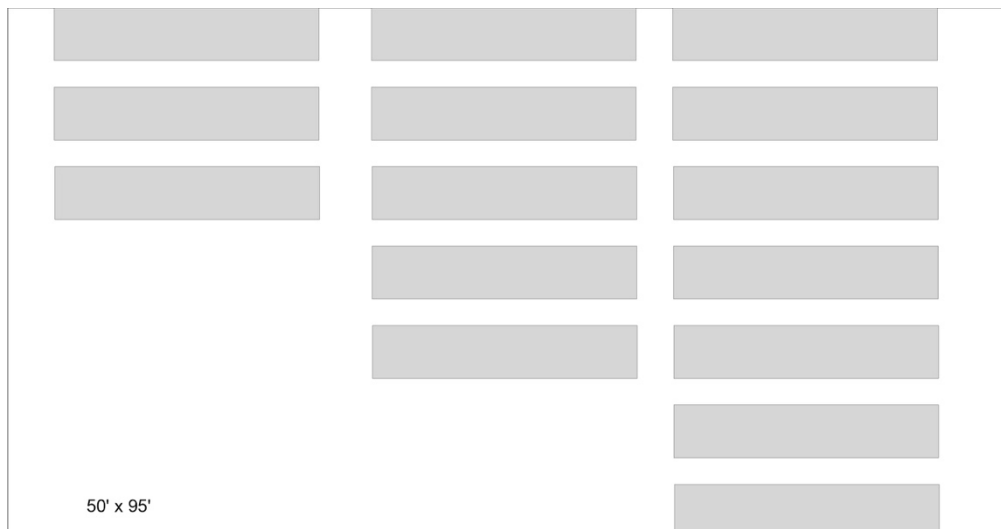
The purpose of this project is to explore spatial organization and to understand form and how it influences design.

Step 1: For this project, you will select a tree and study its habit, character, and branching structure. Begin by studying the tree through drawings and diagrams. How does the tree look in section view? How would you interpret it in plan view? What are noticeable characteristics of the tree? Include detail drawings that communicate these elements. Create a 24 x 36 poster that conveys your study.

Step 2: Next create 10 scaled models of your tree at $1/8'' = 1'-0''$. The height and width of the tree should be approximately .7 of its mature size. Models of the tree should be the same style/material. You will use these in your design exploration later.

Step 3: Deriving inspiration from your tree, choose a word that will guide your concept. Complete a concept map of your word.

Step 4: In the next step, you will create the elements for your design. Begin by creating your basemap. On an 11x17 piece of paper, create a 30' x 50' rectangle at $1/8'' = 1'-0''$. Then create a model base that is 50' x 95' at $1/8'' = 1'-0''$. You can make this out of foam core, wood etc. Afterward you will create 9 blocks that are 5' x 25' at $1/8'' = 1'-0''$ (3rd dimension should be approximately 2-3'). You can create these using foam core, floral foam, wood etc. Below is a diagram to help you understand the dimensions of your materials.



Step 5: Your subsequent task will be a design intervention on your 50' x 95' site using only trees and 3, 5, 7 or 9 wood planks. In your project, the planks represent volume that can be either positive (a structure above the ground surface) or negative (a space subtracted below the ground surface). The planks may be used to create structures and space and may be used as organizational volumes. They may touch, but do not have to. How you choose to combine your trees and planks should reflect your guiding concept.

You will initially create five concepts that represent various forms of spatial organization. Each concept should include a conceptual diagram (11x17 drawing) and a photographic study where you utilize your model and scaled trees as an opportunity for exploration. Each concept should be accompanied by a critique where you outline the pros and cons of your design. You will select one concept to further develop. Provide a rationale for your selection.

Step 6: Your final step will be to create an illustrative master plan for your selected concept. The masterplan should be accompanied by 1 section, 1 perspective, 1 axonometric drawing, and 1 model.

Your final products will include

- 1 tree study board
- 1 conceptual study board (a board that guides us through your conceptual study)
- 1 illustrative master plan
- 1 section
- 1 perspective
- 1 axonometric drawing
- 1 model

**All plans should include a title, labeled features, legend, north arrow, and graphic scale. Plans can either be drafted by hand or created on the computer. Utilize APA style for in-text citations and references.

Project Calendar:

Date	Day	Topic Covered	Assignments
		Week 4	
27-Jan	Weds.	Project 2 Introduction	
29-Jan	Fri.	Coach mtg.	Assigned reading
		Week 5	
1-Feb	Mon.		Reading questions due
3-Feb	Weds.	Steps 1 - 4 Complete; Begin Step 5	
5-Feb	Fri.	Coach mtg.	
		Week 6	
8-Feb	Mon.	Step 5 Complete	Pinup
10-Feb	Weds.	Step 6	
12-Feb	Fri.	Coach mtg.	
		Week 7	
15-Feb	Mon.	Project 2 Presentation	Presentation

General Checklist

- Do you have a concept statement?
- Do all of your drawings have a title?
- Does your masterplan have a legend, north arrow, and graphic scale?
- Does your section include a graphic scale?
- Are all program elements and features labeled on your plan and section? If you were not present, would I be able to understand all of the elements of your design? (Label, label, label!)
- Have you checked for spelling and grammar mistakes?