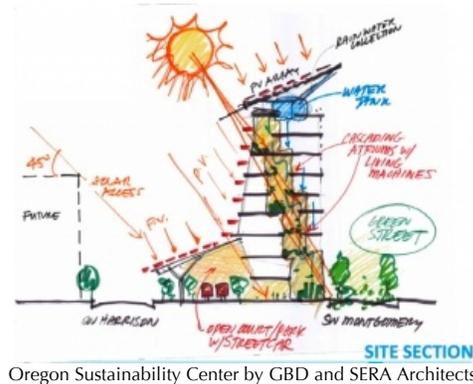


Inside to Outside Development

Assignment 4

- Wed 2/15: Blogpost, Dream Drawings due
Fri 2/17: Material Studies due
Mon 2/20: Facade studies, Grad reports due
Wed 2/22: Facade refinement
Mon 2/27: Large scale models due
Wed 2/29: PINUP



Oregon Sustainability Center by GBD and SERA Architects

I. DREAM about Nature

Your project will be a filter for interacting with nature and the city. Through the eyes of your clients and native creatures, imagine ways to enjoy the sun, water, wind and greenery. Draw three idealized images at different times of day and add a paragraph describing the wondrous sensations that could be felt in that place.

II. MATERIAL

A building can capture the spirit of a place through the use of materials, textures, colors and forms that relate to site-specific metaphor, visual phenomena or local building traditions. Think about the values of your clients and how the building image or personality could speak to them in a way that is true to the site.

Identify a specific structural system or finish material to research. Research design considerations, finding cutting-edge aesthetic possibilities and summarizing technical constraints. The latter should explain performance characteristics, such as structural properties, and give an overview of assembly methods. It could provide background such as how its manufacturing has influenced standard unit shapes and sizes or describe how new fabrication and assembly technology is changing contemporary practice.

Graduate students are required to give a brief verbal and visual presentation about a structural system or finish material relevant to their project.

III. MACRO Facade

Explore how the building presents its urban identity to the public and mediates the indoor-outdoor relationship. Iteratively create variations or develop a parametric definition. Develop images to scale with shadows.

IV. MICRO Facade: Kit of Parts model

Zoom-in to show how the construction can bring together structure, enclosure, and light, considering material qualities. As a pre-cursor to the Building Enclosure assignment, do the following

- A. Represent a precedent through drawing or computer modeling
- B. Model a corner that includes floor, ceiling, walls and aperture.
- C. Show the construction system in context through 3D diagrams

