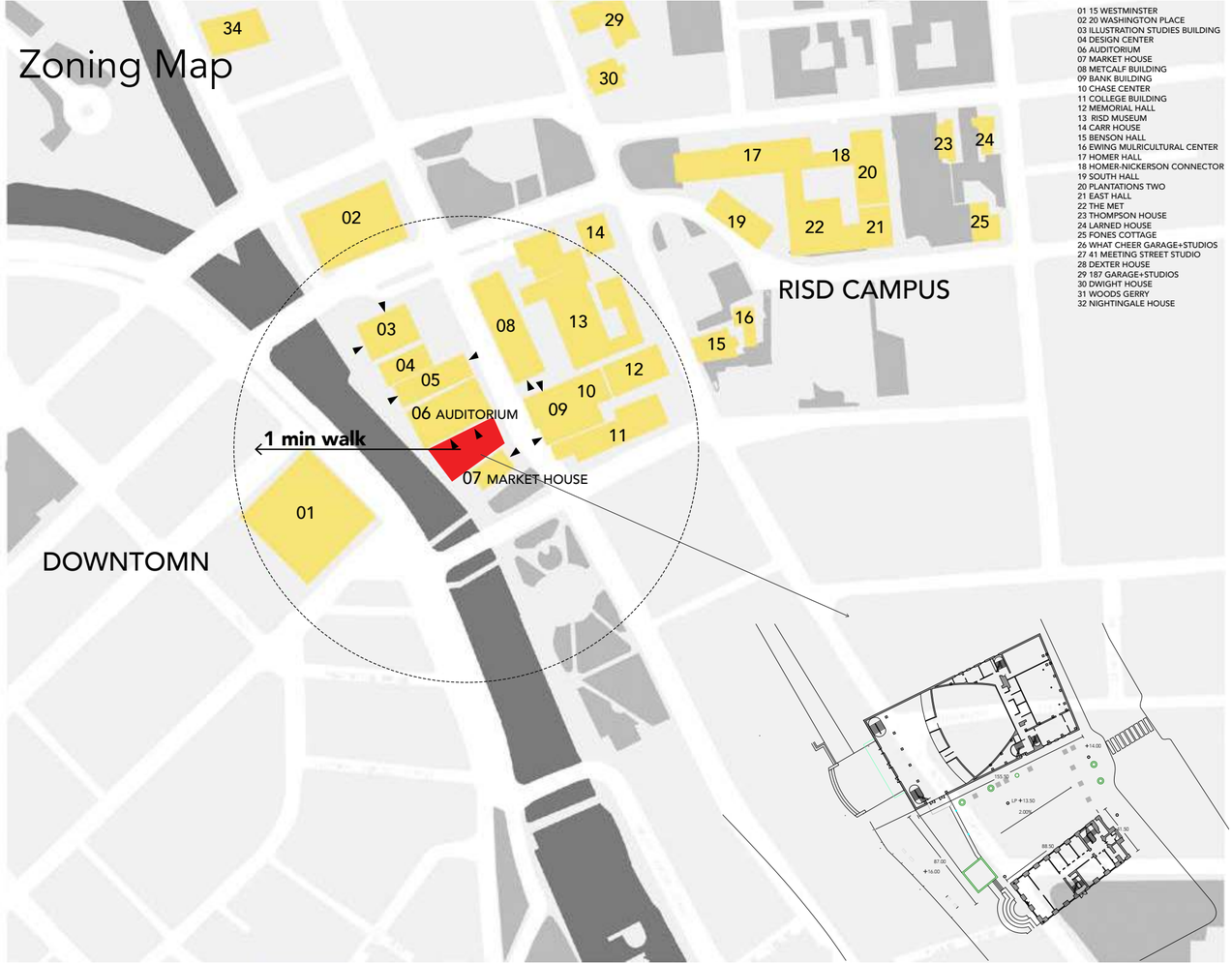
4
Specular Light

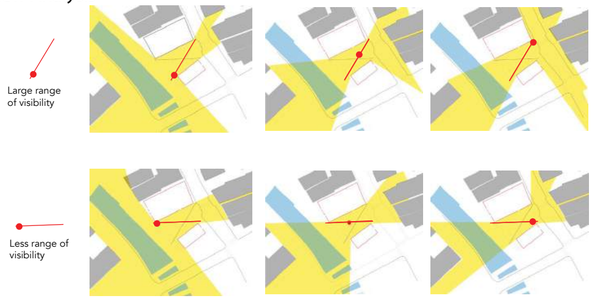
Elective Studio | Landscape Architecture Department | Fall, 2019
Providence, Rhode Island | Group work
Instructors: Johanna Barthmaier-Payne, Dong Zhang, Ziying Tang

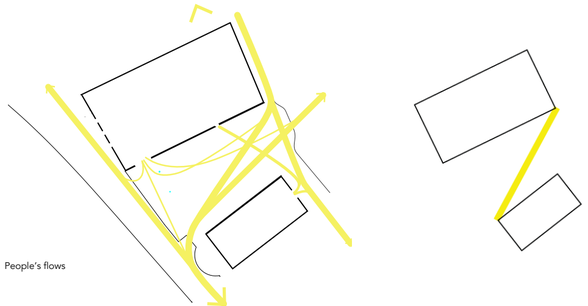
This site is located in the center of RISD campus, and we mean to build several installations to activate the site and also provide it more potentials for future development.



Site Analysis

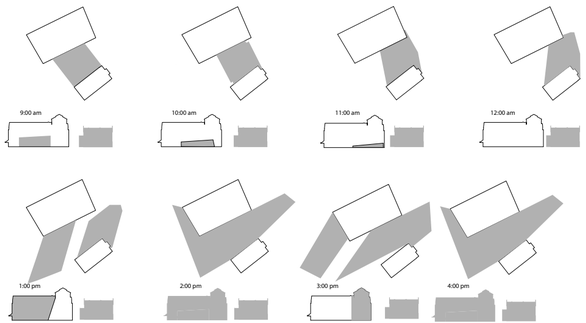
View Analysis

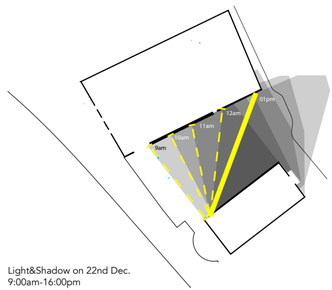


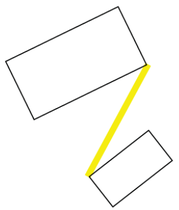


This site is located in the center of RISD campus buildings. From the series of view diagrams, we realized people prefer to use the first path because of the bigger visions.

Shadows & Shades on Dec.22

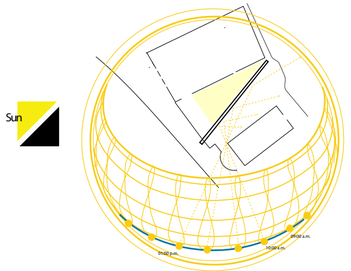






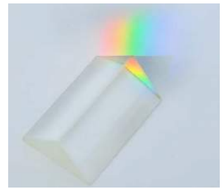
From the shade&shadows analysis, we understood the sun stays in the left side most of time during the winter, and the right side would be in the shadow in the most of the day. So the site is divided into two parts.

Design Principles



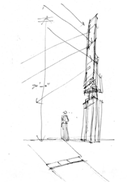
There is a screen that symbolically demonstrates light from the side near the auditorium being exchanged into the side near Market House.

Reflective Curtain

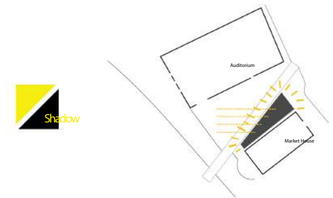


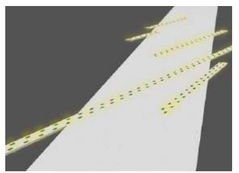
Concept Generating

Prism



Light Pole

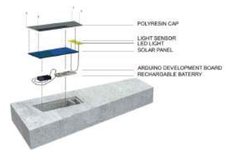




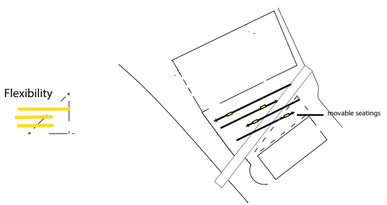
Concept Generating

Sun Glitter

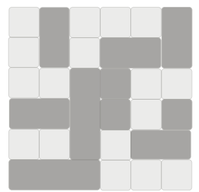
Ground Lightening

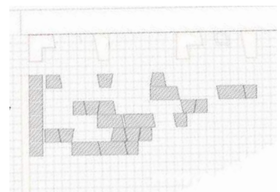


Solar Paver



Activate the site, and give more potentials to it.

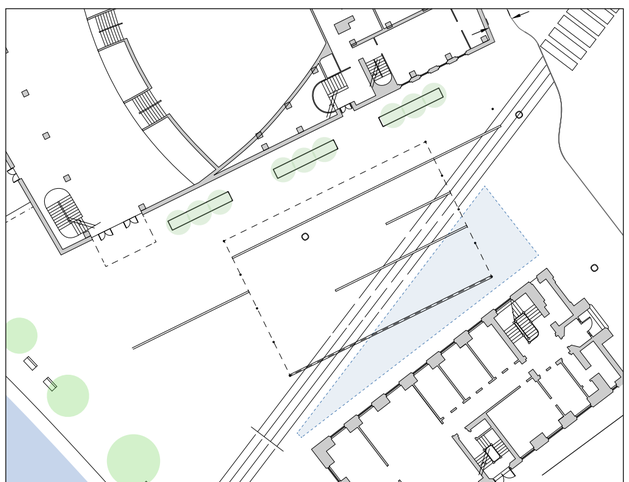




Puzzle

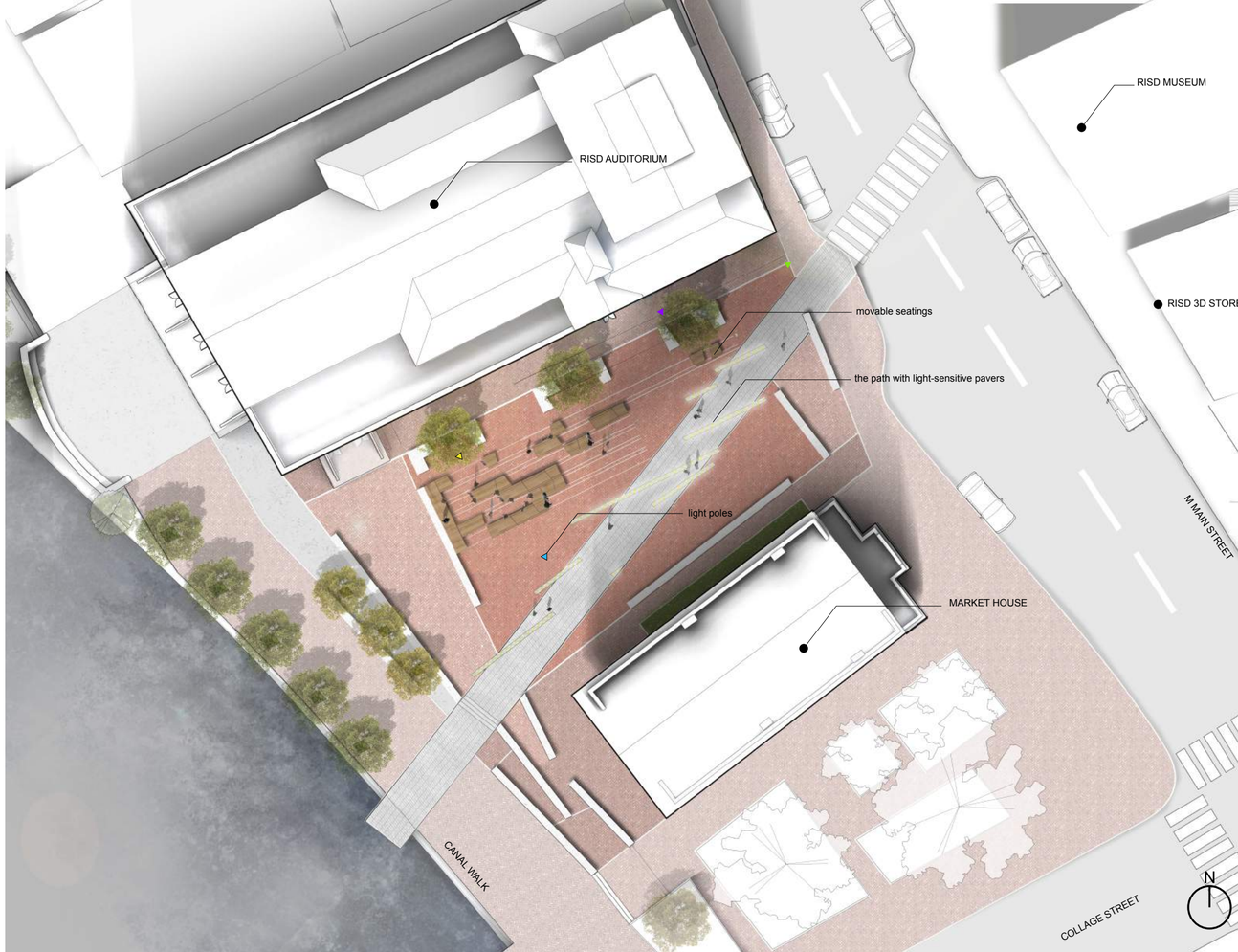
Concept Generating

Puzzle Chair

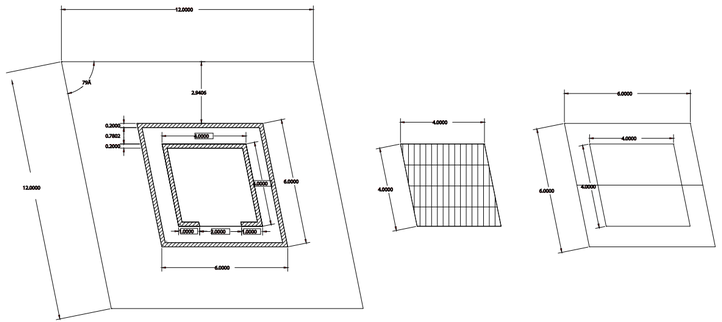


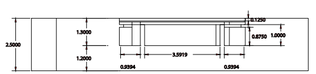
In Usual Days

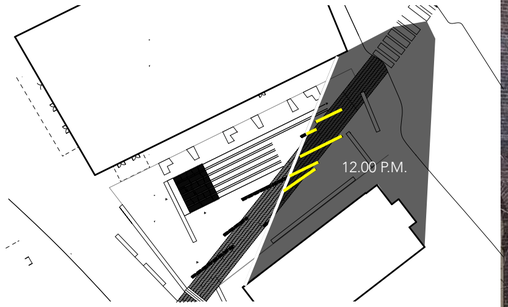
During Event

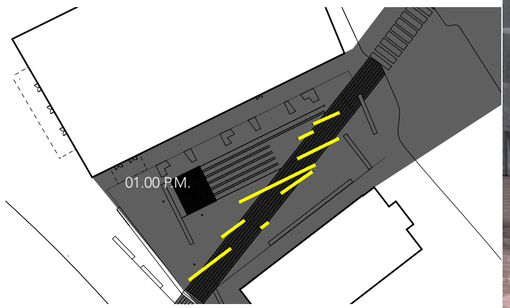


Light-sensitive Pavers



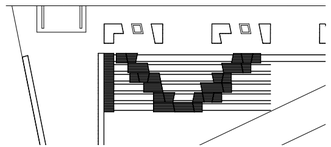




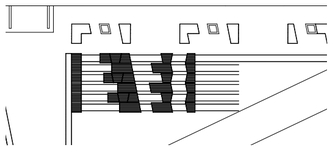


in the sun/ in the shade

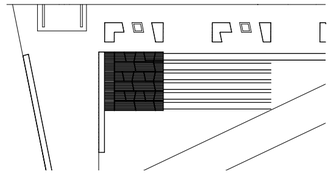
Movable Chairs



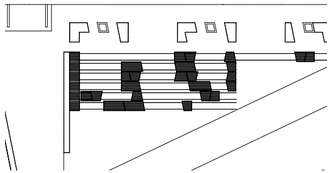
MODE 1:Amphitheater



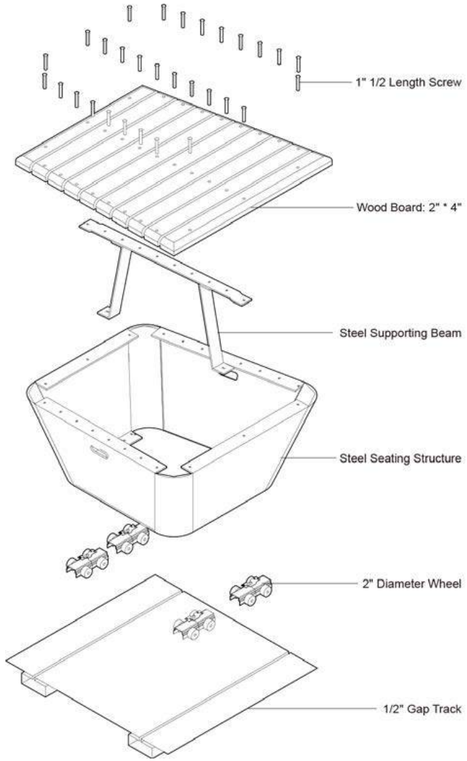
MODE 2:Outdoor Classroom



MODE 3:Outdoor Speech



MODE 4:Variable Study Space



Light Poles

there are four light poles on the site, and these are how their reflections influence people's activities.