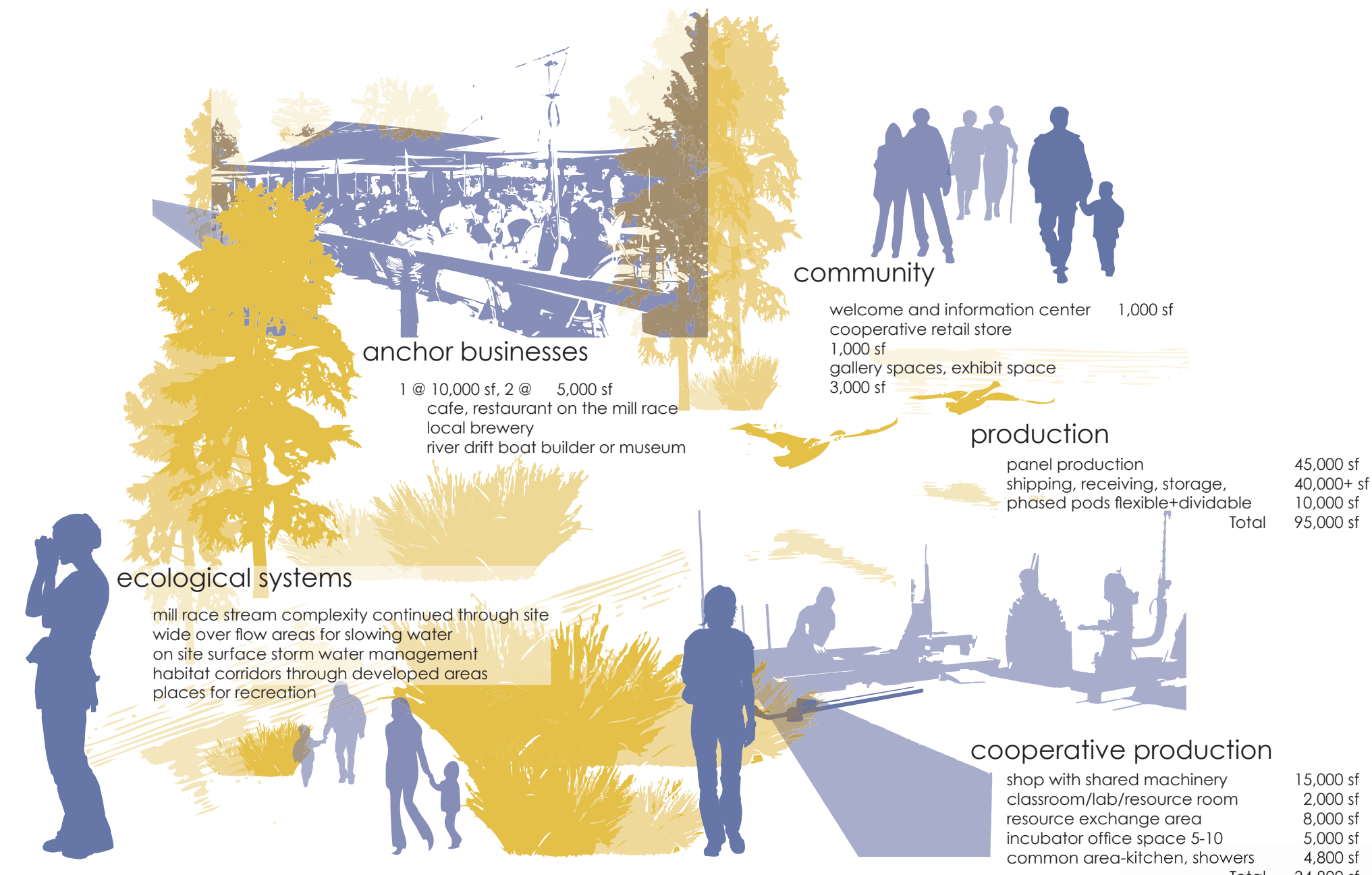
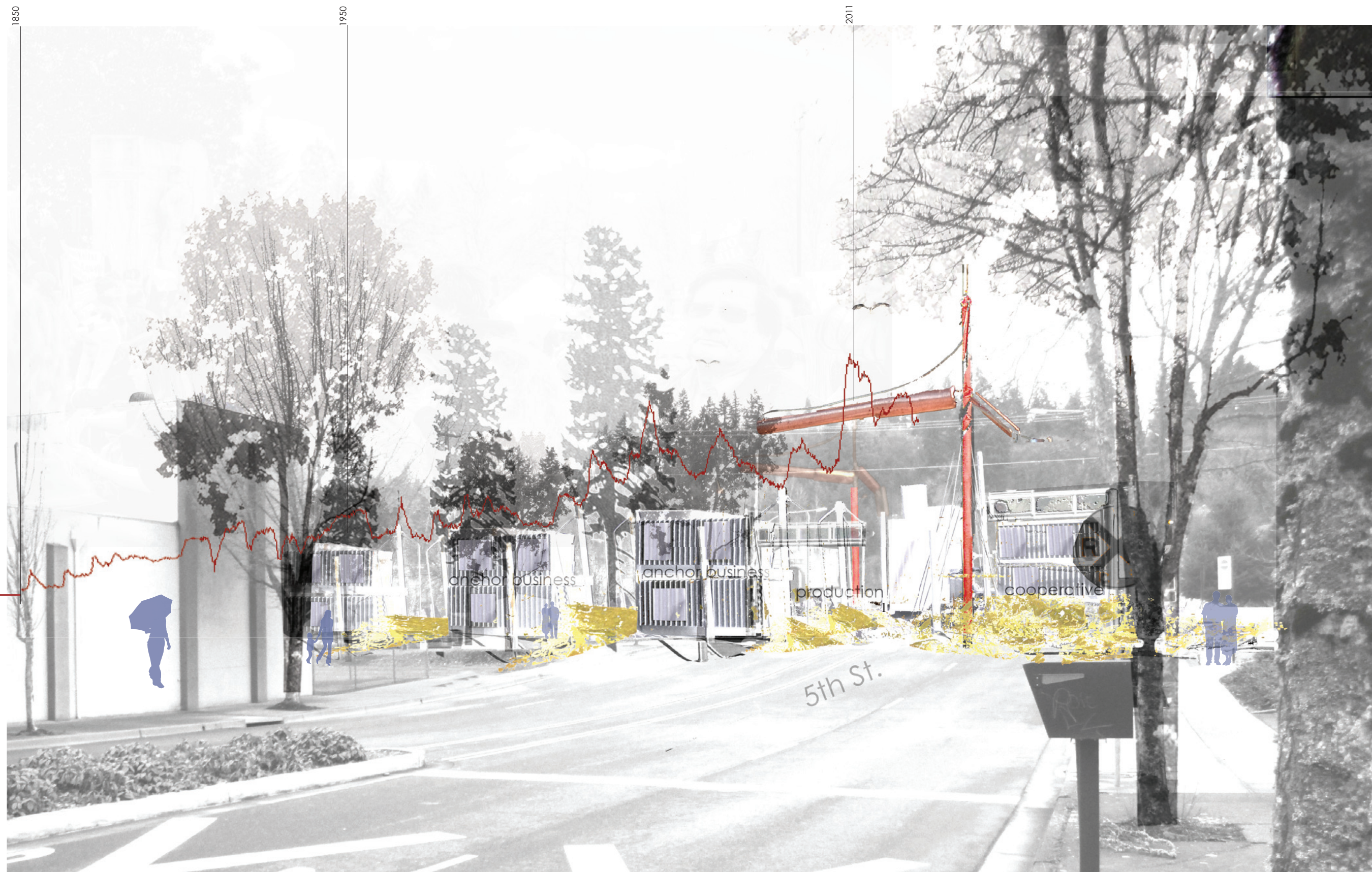
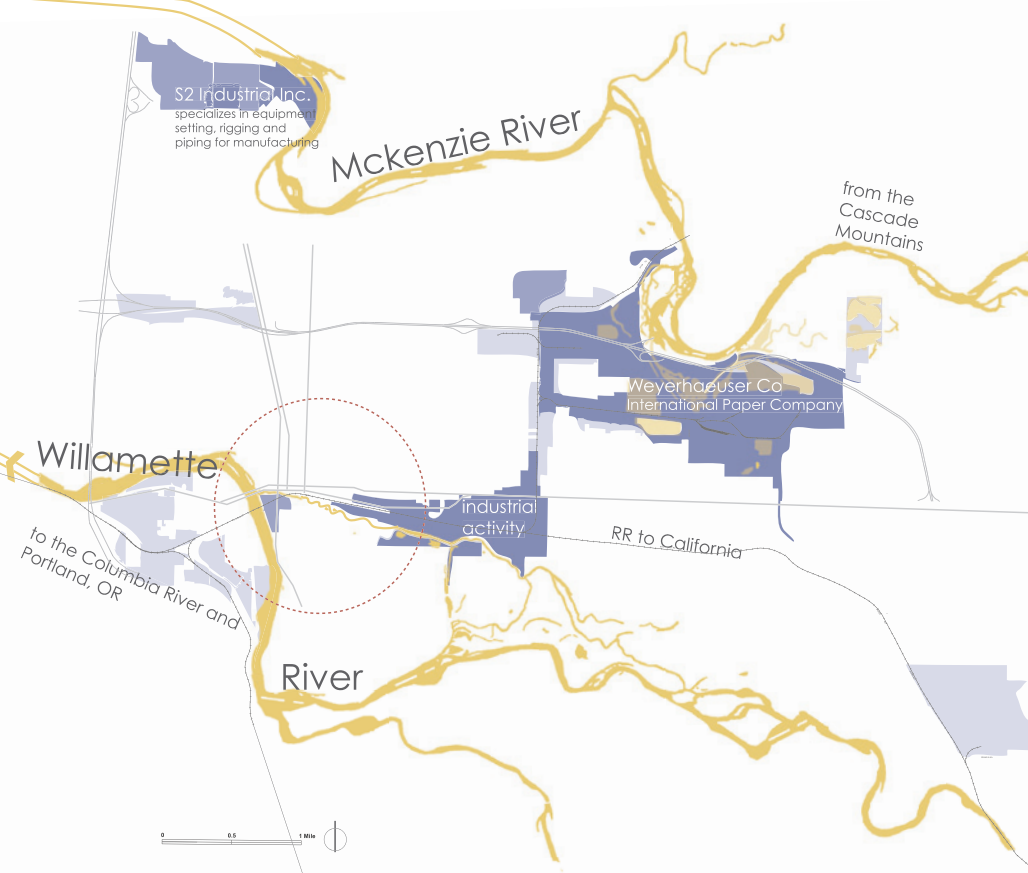
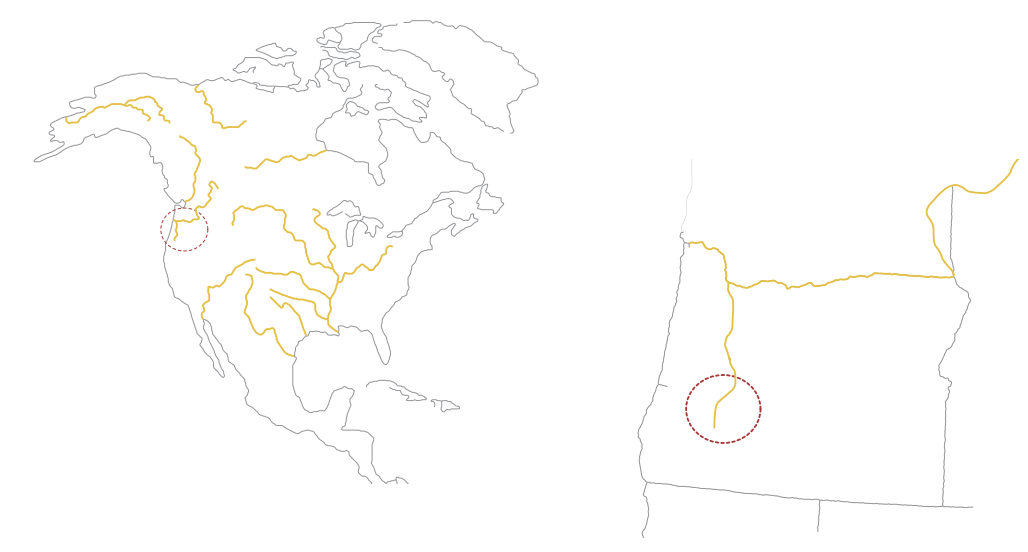




Toward Adaptive Productivity

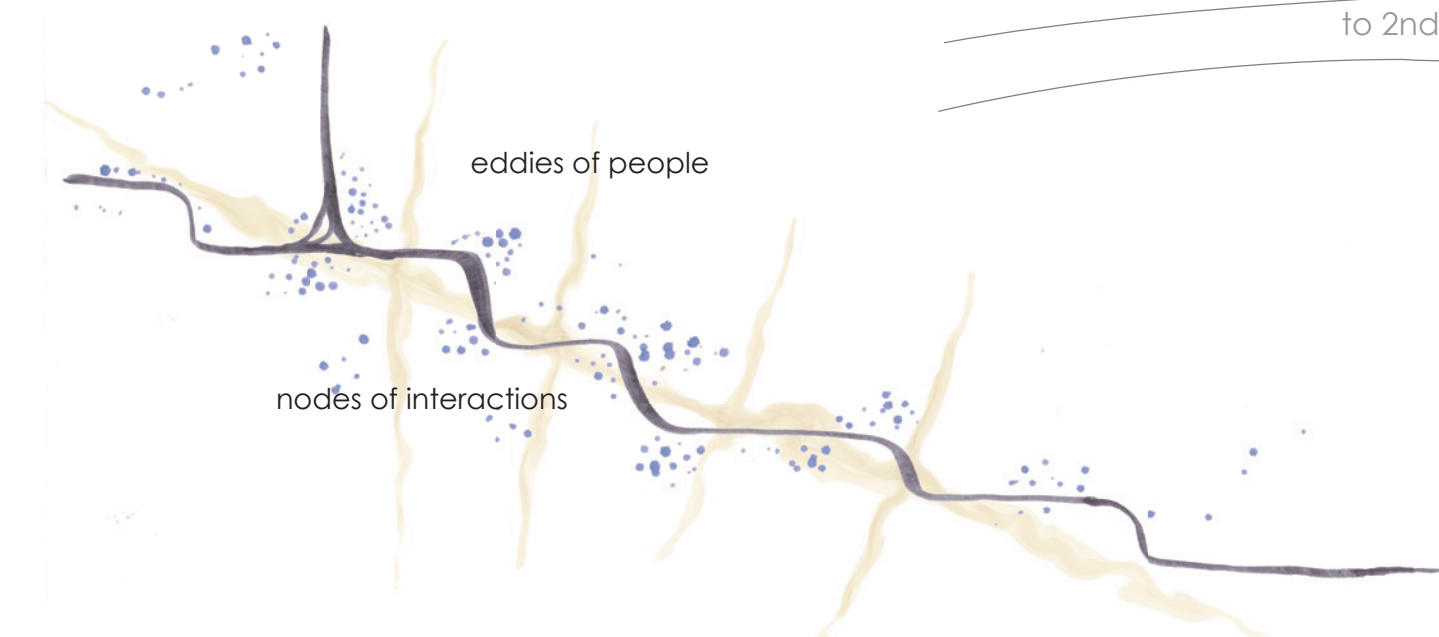
TAP's mission is to connect the ecological, economic, and social resource nodes in Springfield, Oregon by positioning the Booth Kelly site as a new model for high value production spaces. The blurred boundaries between indoor and out, industry and ecology, encourages spontaneous interactions and collaboration.



Current extractive economies and manufacturing blips occur when our economy demands continual growth and provides for it through natural resource depletion.

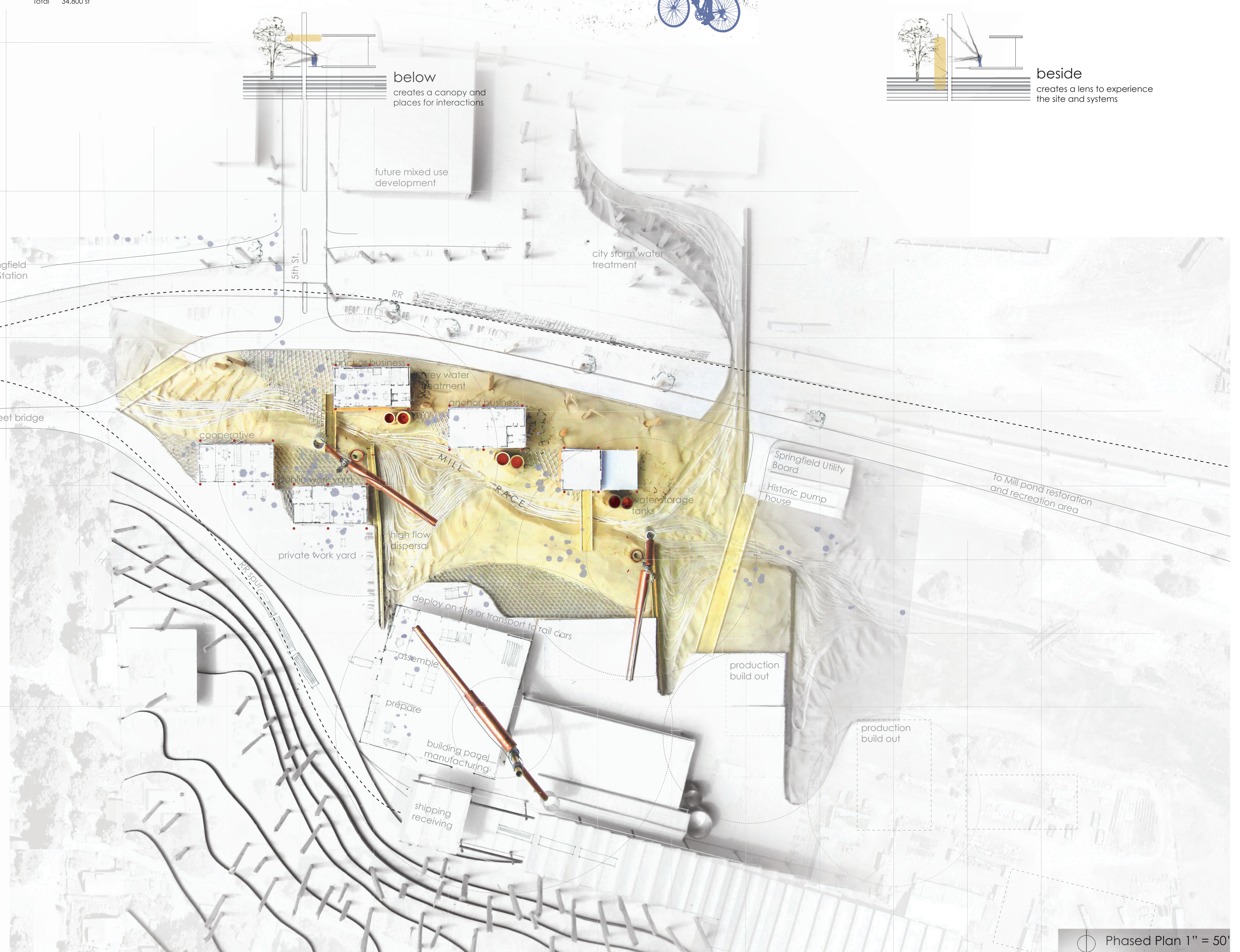
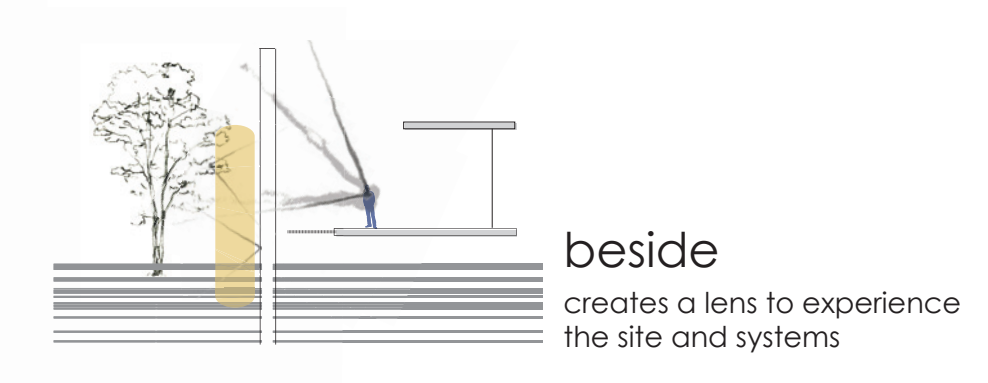
The definition of growth must shift to focus on the regenerative properties and ability to up-value products produced from available and continually renewing resources such as water and wood.

Human innovation and collaboration is necessary to merge systems and create an interconnected regenerative economy, social network, and ecological systems.



System intertwined with the surrounding environment

TAP enables community exposure and interaction with the systems that sustain us that are traditionally sent to back corners and closets of building hidden from view.

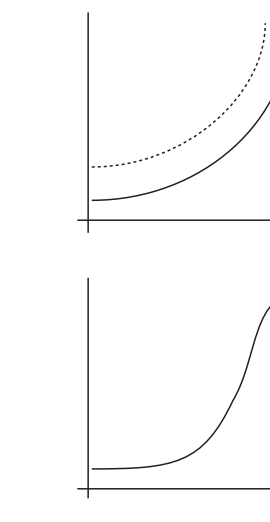


Resilience through flexibility

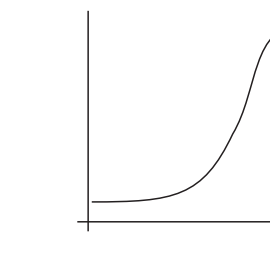
nature, economy, production, industry

TAP provides places for fluctuation to occur beneficially. Seasonal water variations exposes the natural processes to the community. Phased development occurs as the economy allows and buildings are flexible with "under designed" spaces to allow a diversity of uses and tenant investment, ownership, and alteration.

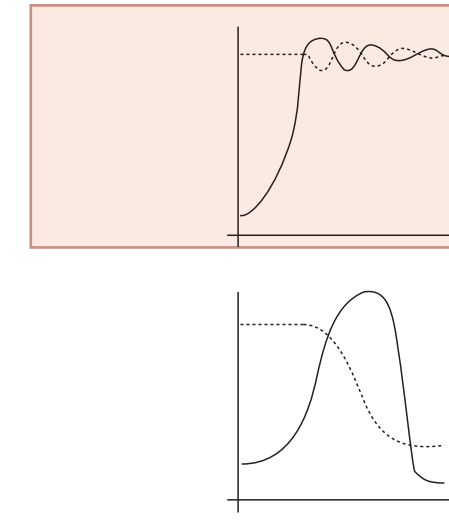
Models of growth



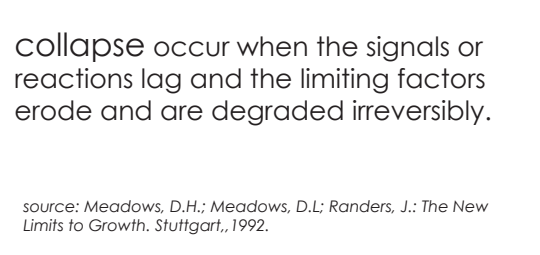
constant growth occurs when the limits are still far away or when the limitations themselves expand exponentially.



logistical growth occurs when the growing system receives signals of approaching limits and then reacts quickly and correctly or when humans limit their growing economy and population growth.

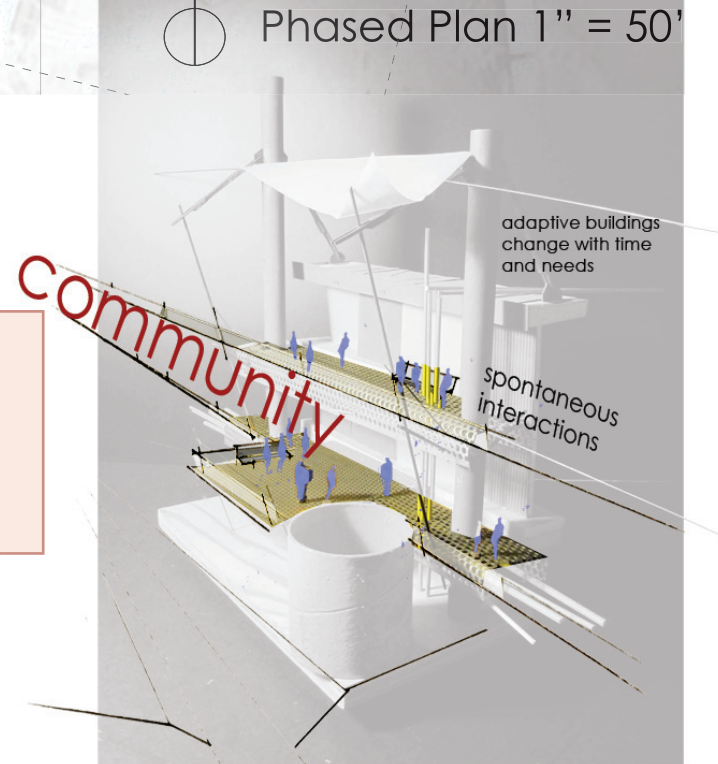


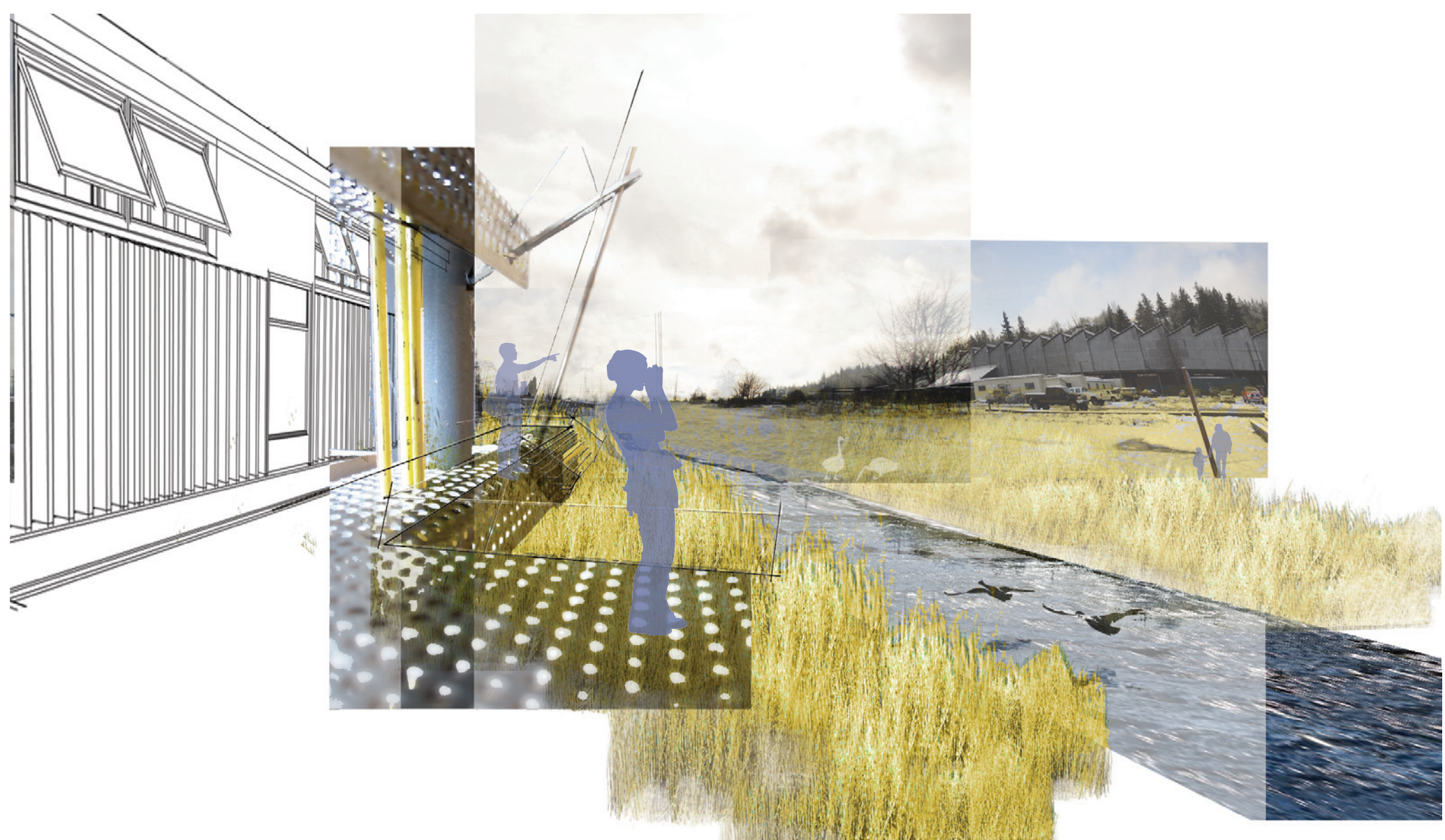
transgression of limits and corrective action occurs when the signals or reactions lag and the limits do not erode or the limiting factors are capable of regenerating themselves



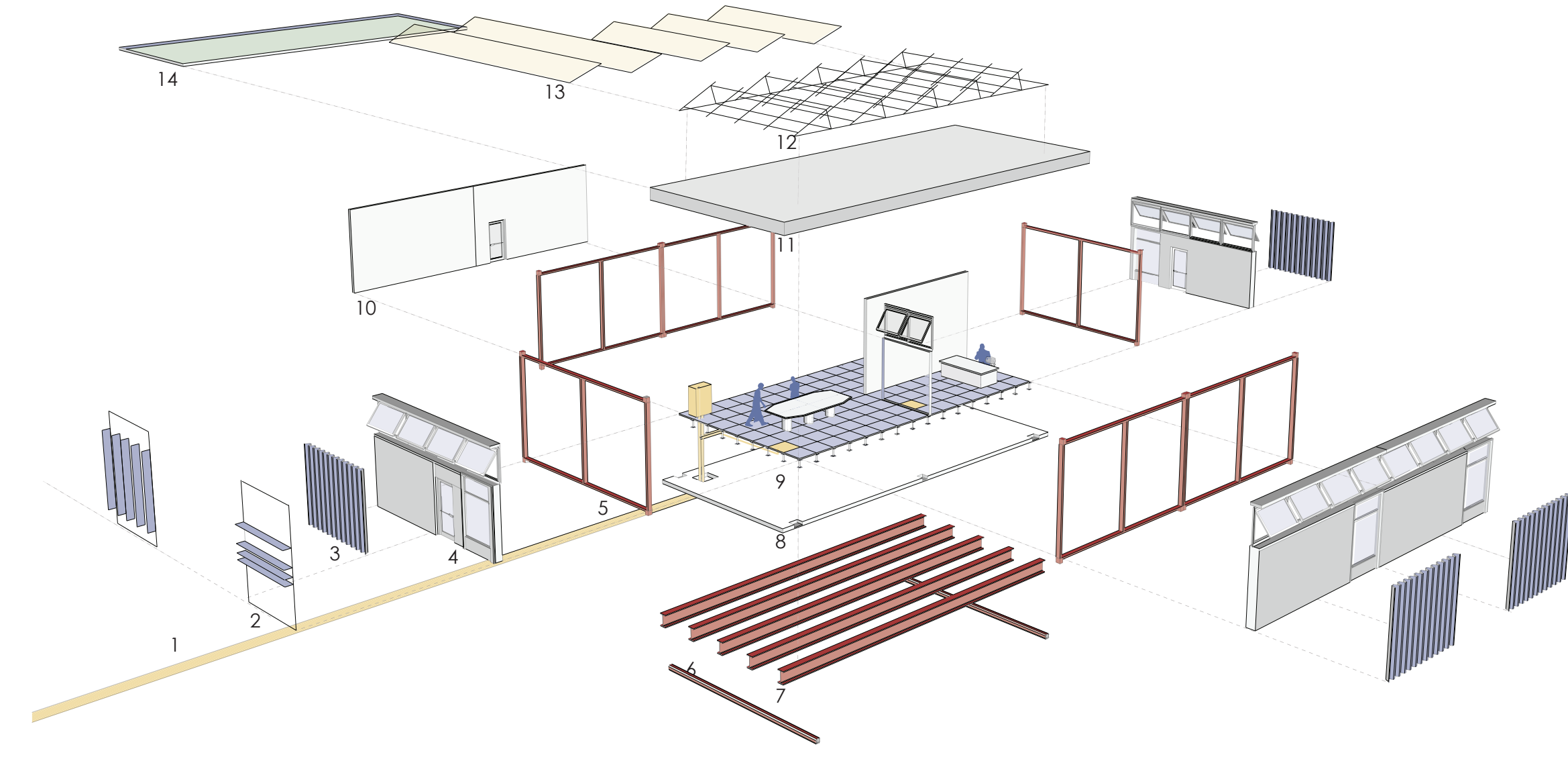
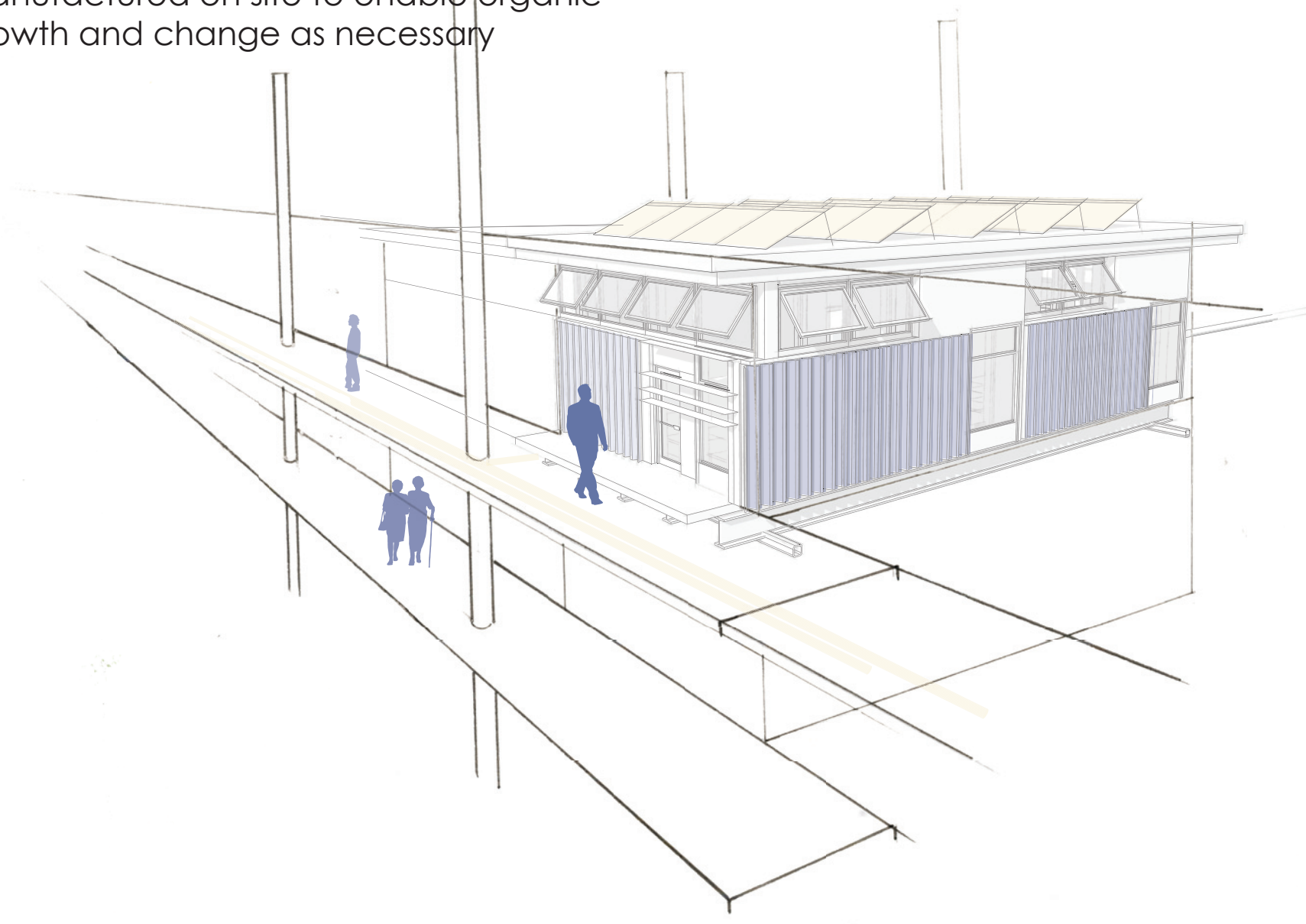
collapse occur when the signals or reactions lag and the limiting factors erode and are degraded irreversibly.

Source: Meadows, D.H., Meadows, D.C., Randers, J., The New Limits to Growth, Ballantine, 1992.





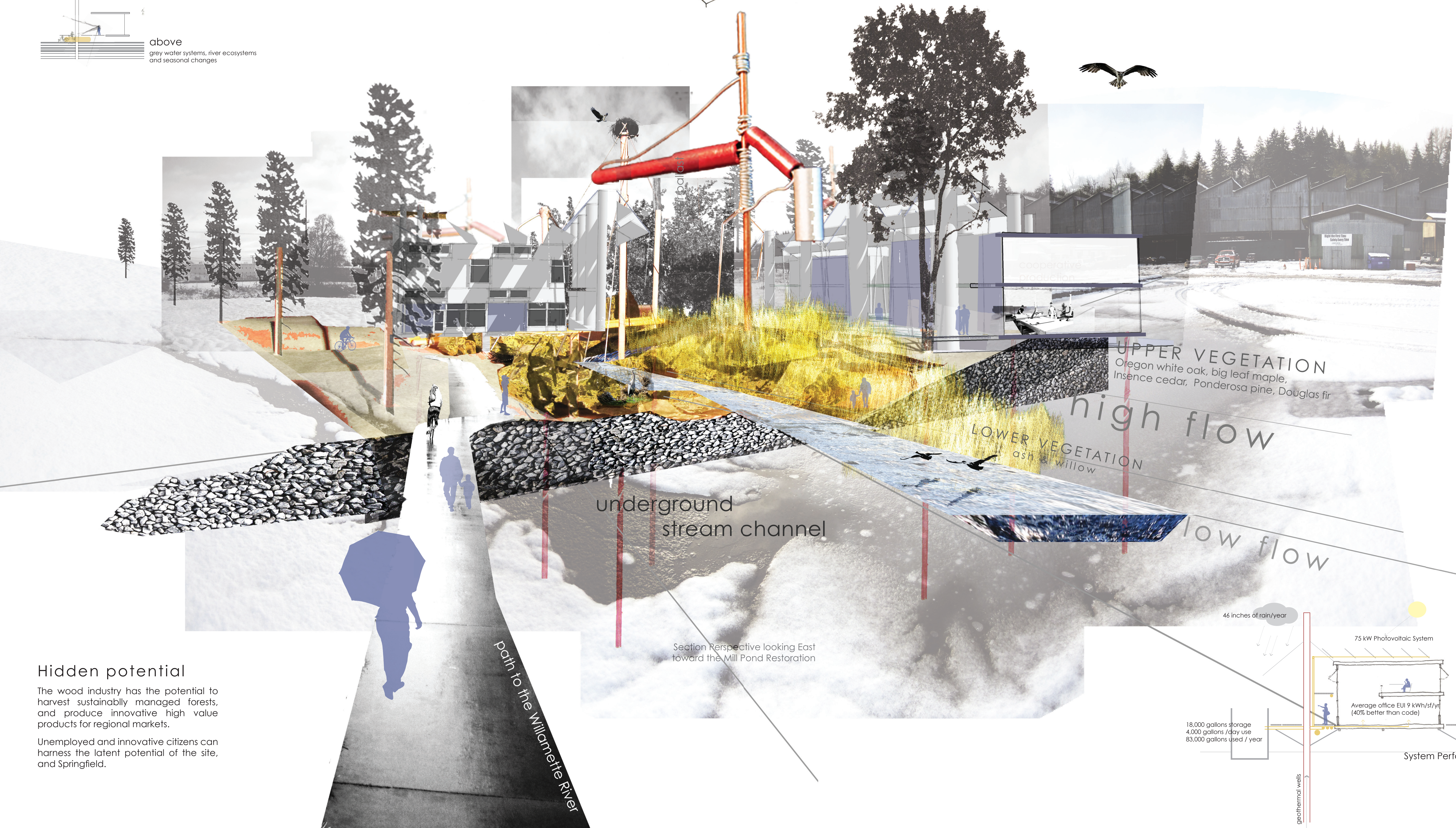
Panel building system
manufactured on site to enable organic
growth and change as necessary



- 1 utilities
- 2 sun shades
- 3 corrugated metal siding
- 4 wall panel (insulated or uninsulated)
- 5 tube steel frame
- 6 tube steel beam
- 7 steel floor joists
- 8 sub floor
- 9 raised finish floor-utilities below
- 10 interior walls- acoustic separation
- 11 roof panel
- 12 racking system
- 13 Photovoltaic modules and solar hot water
- 14 green roof



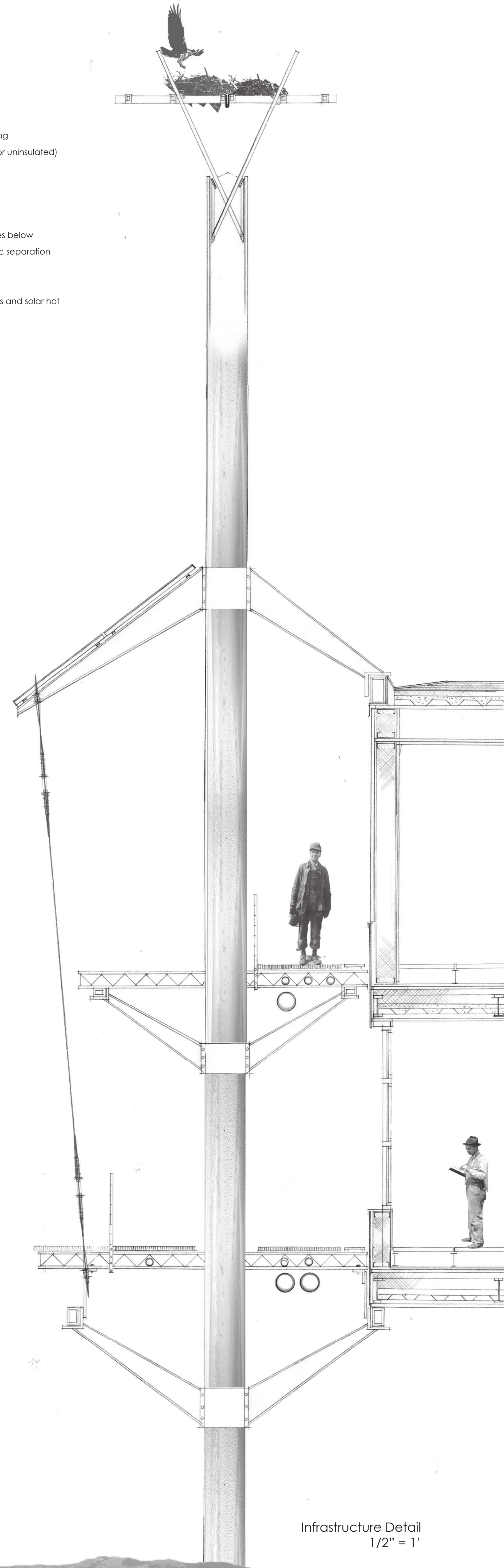
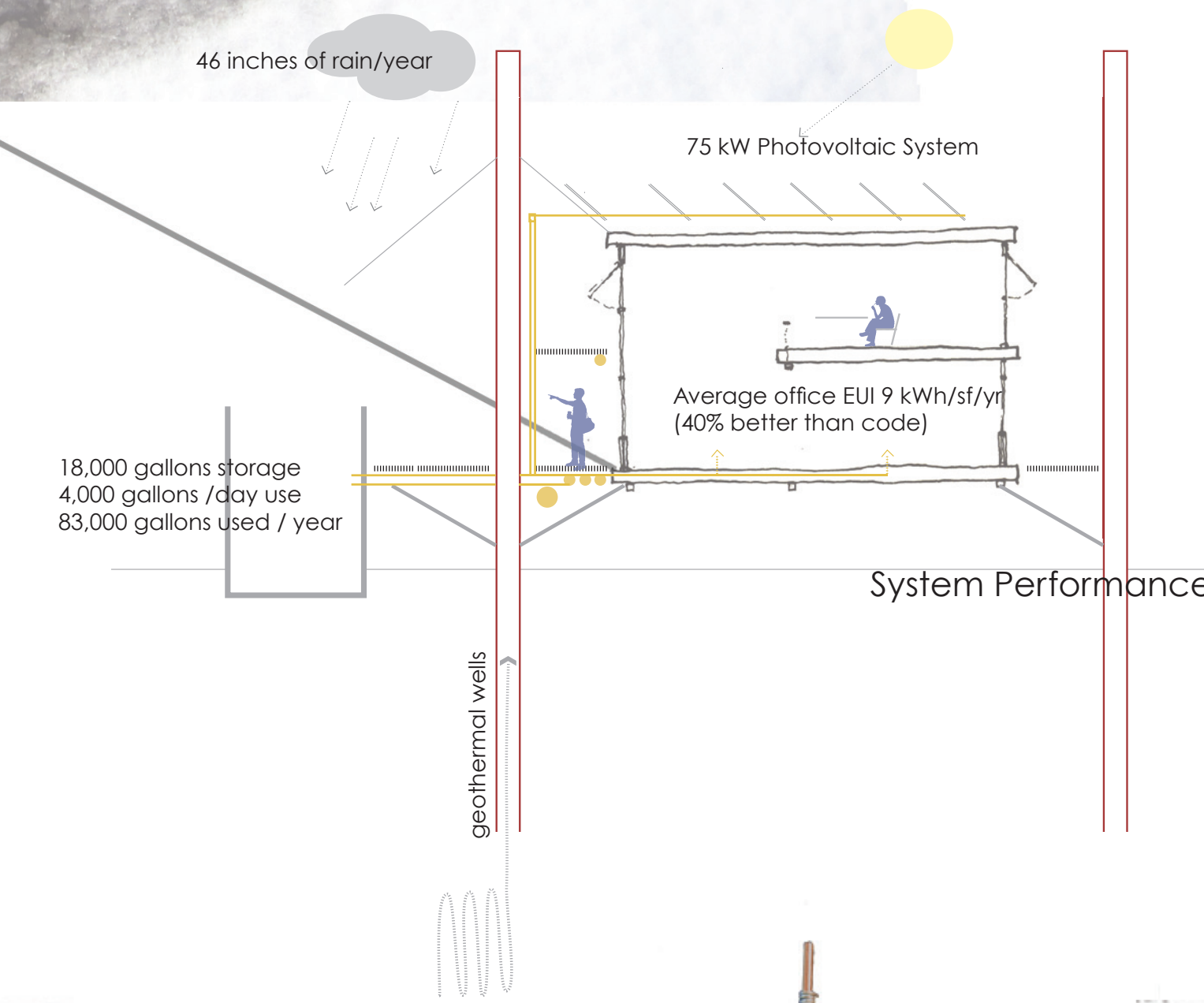
above
grey water systems, river ecosystems
and seasonal changes



Hidden potential

The wood industry has the potential to harvest sustainably managed forests, and produce innovative high value products for regional markets.

Unemployed and innovative citizens can harness the latent potential of the site, and Springfield.



Infrastructure Detail
1/2" = 1'



1985 Georgia Pacific sold Booth Kelly to the City of Springfield for one dollar
2012 Phase I of the Mill Pond restoration complete
2020 Phase II of Mill Race restoration complete, infrastructure and panel production in place
2052 Bicentennial of digging the Mill Race the new production model is thriving