

“Humankind has not woven the web of life. We are but a thread within it.
Whatever we do to the web, we do to ourselves. All things are bound
together. All things connect.”
-Chief Seattle, Duwamish



Chicago's Native American
Cultural Center

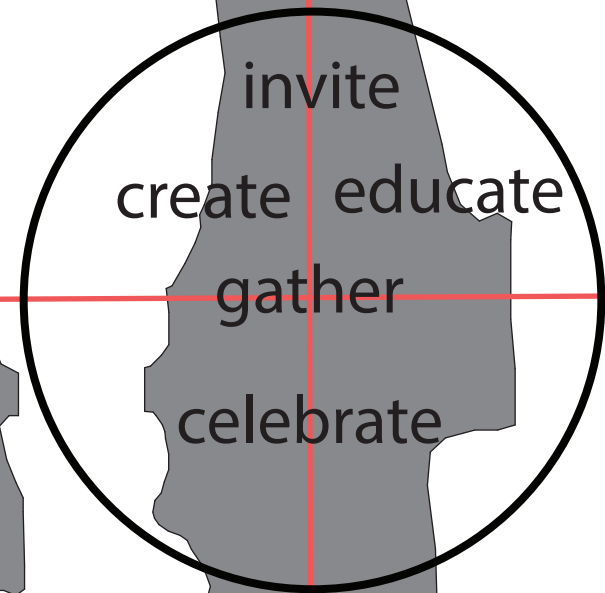
Keith Podalak



HUMAN INTERACTION



NATURE



density of city

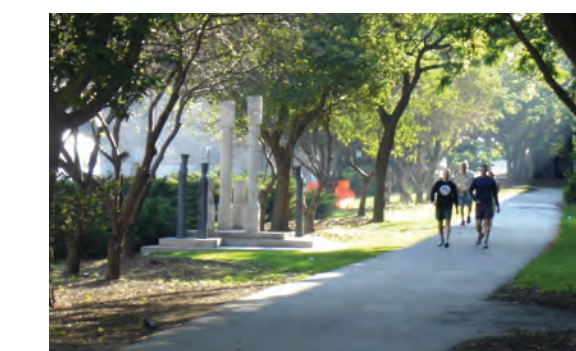


sidewalk

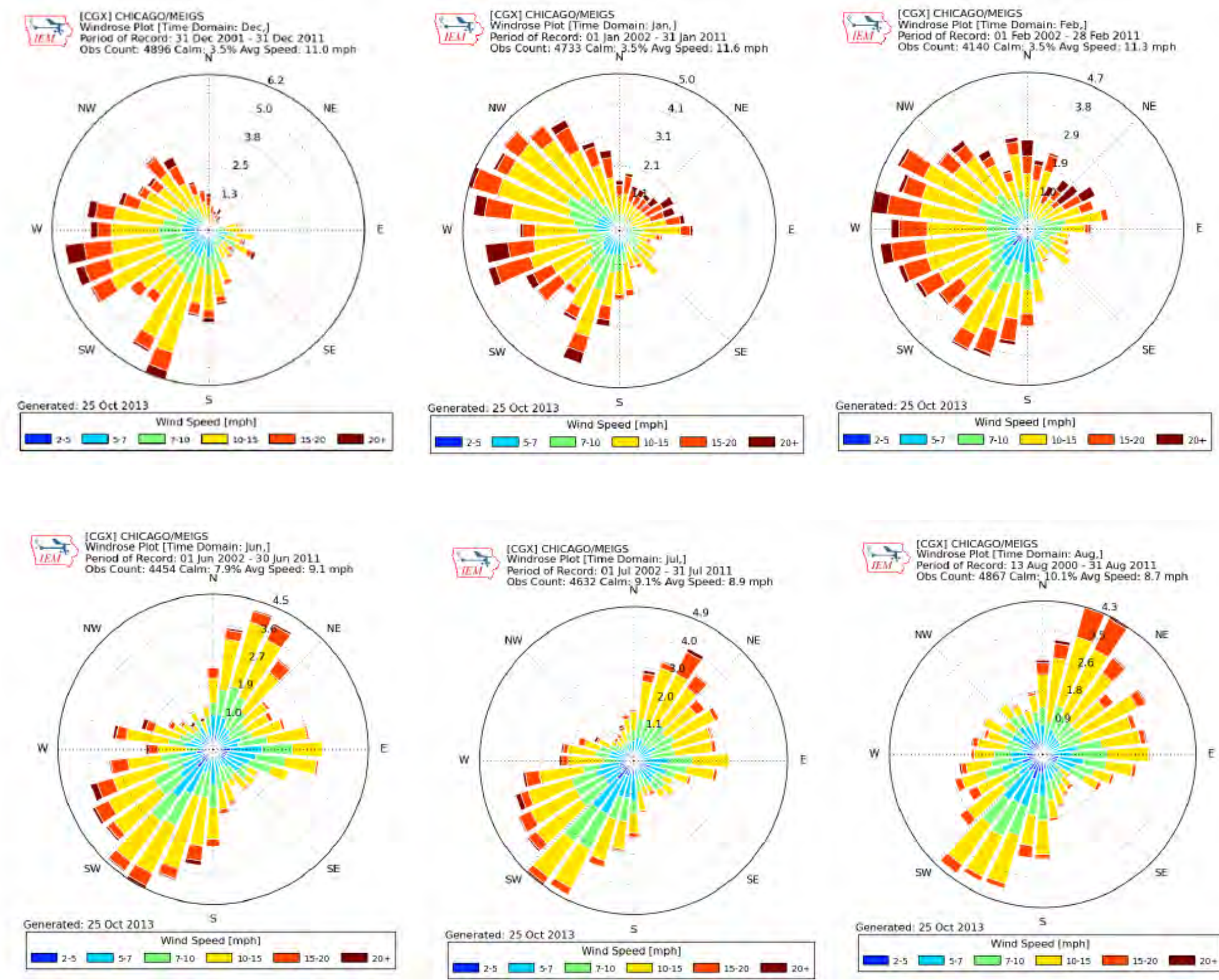
openess of nature



nature walk



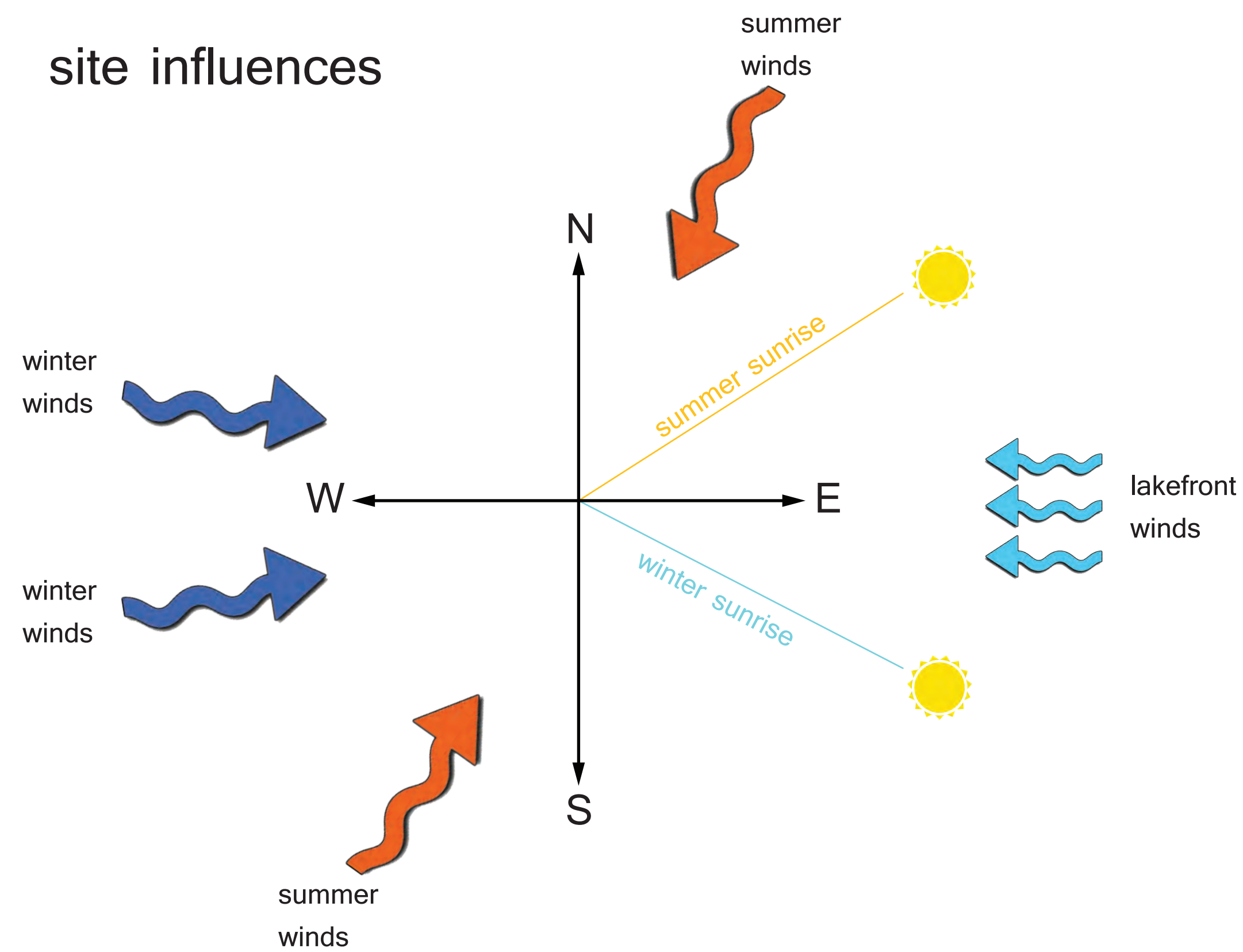
wind roses for Northerly Island



WESTERN WORLD LINEAR STUDIES

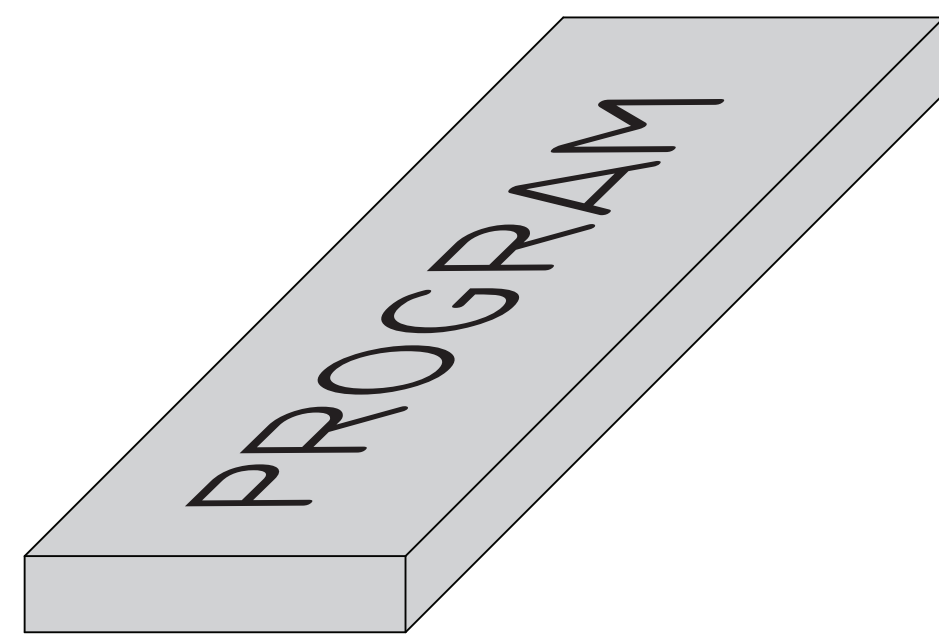


site influences

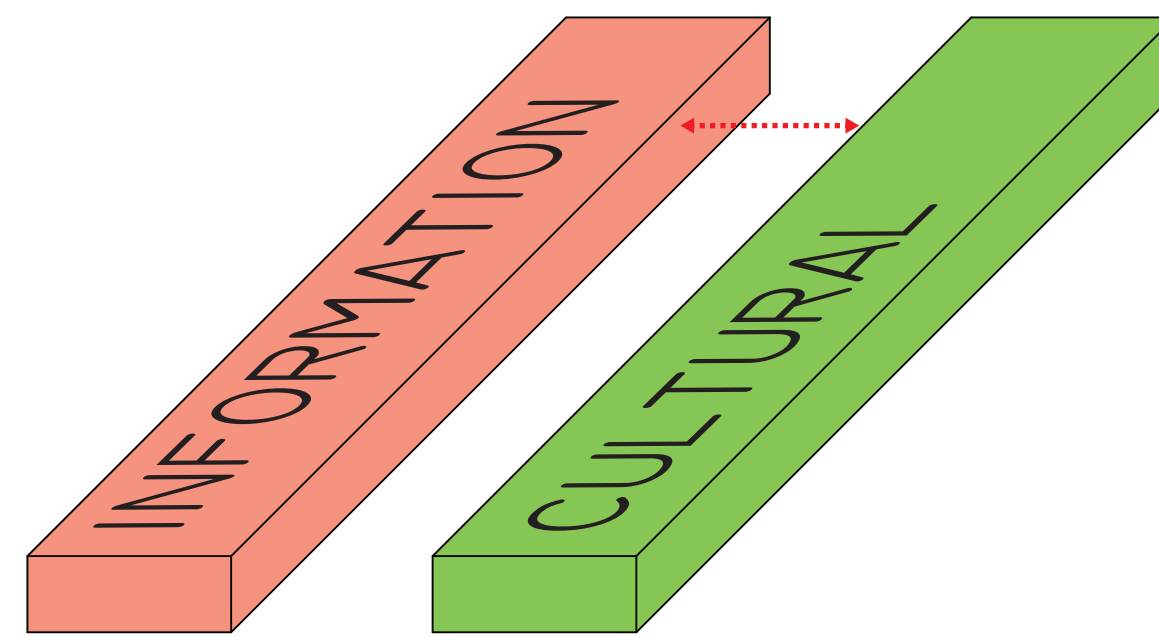


NATIVE WORLD RADIAL STUDIES

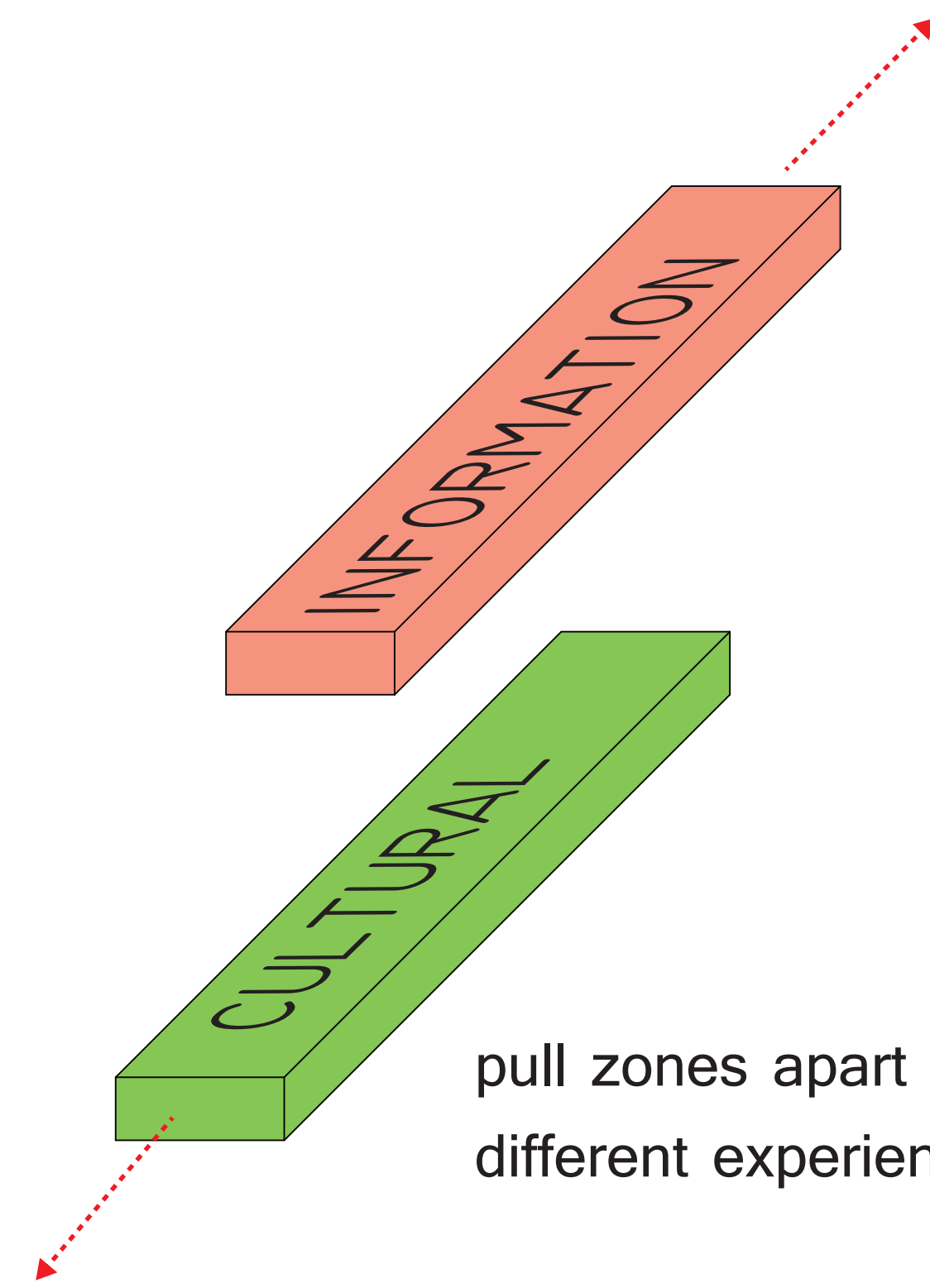




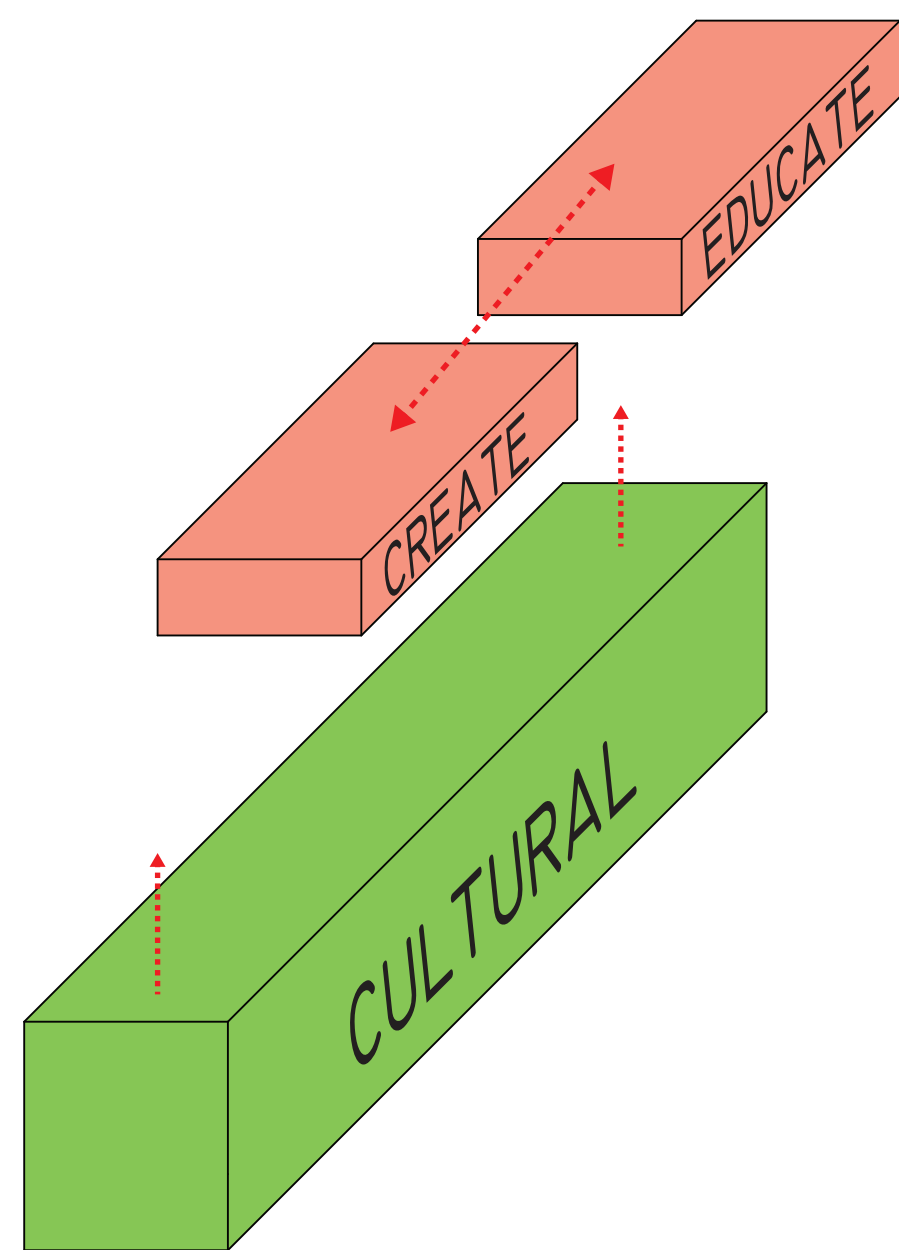
create cultural center program.



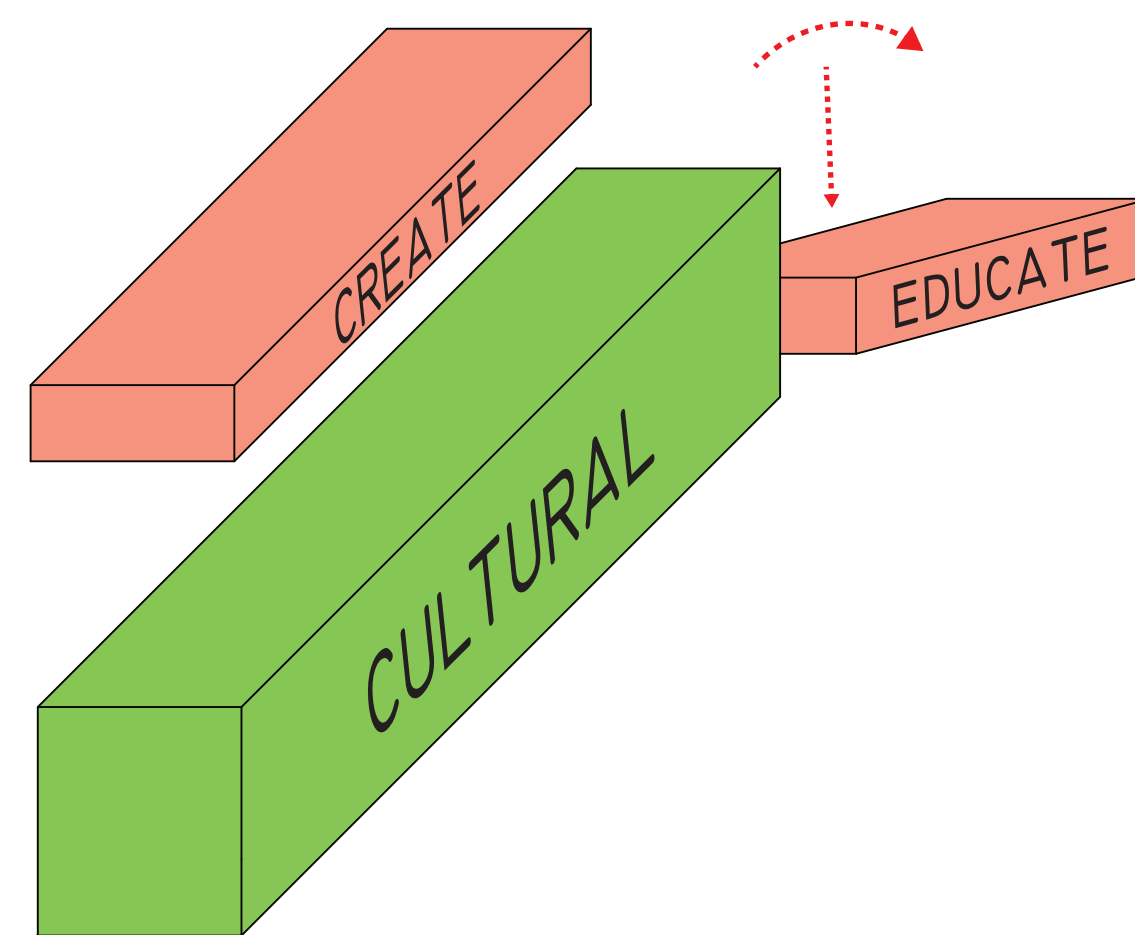
divide into informational and cultural zones.



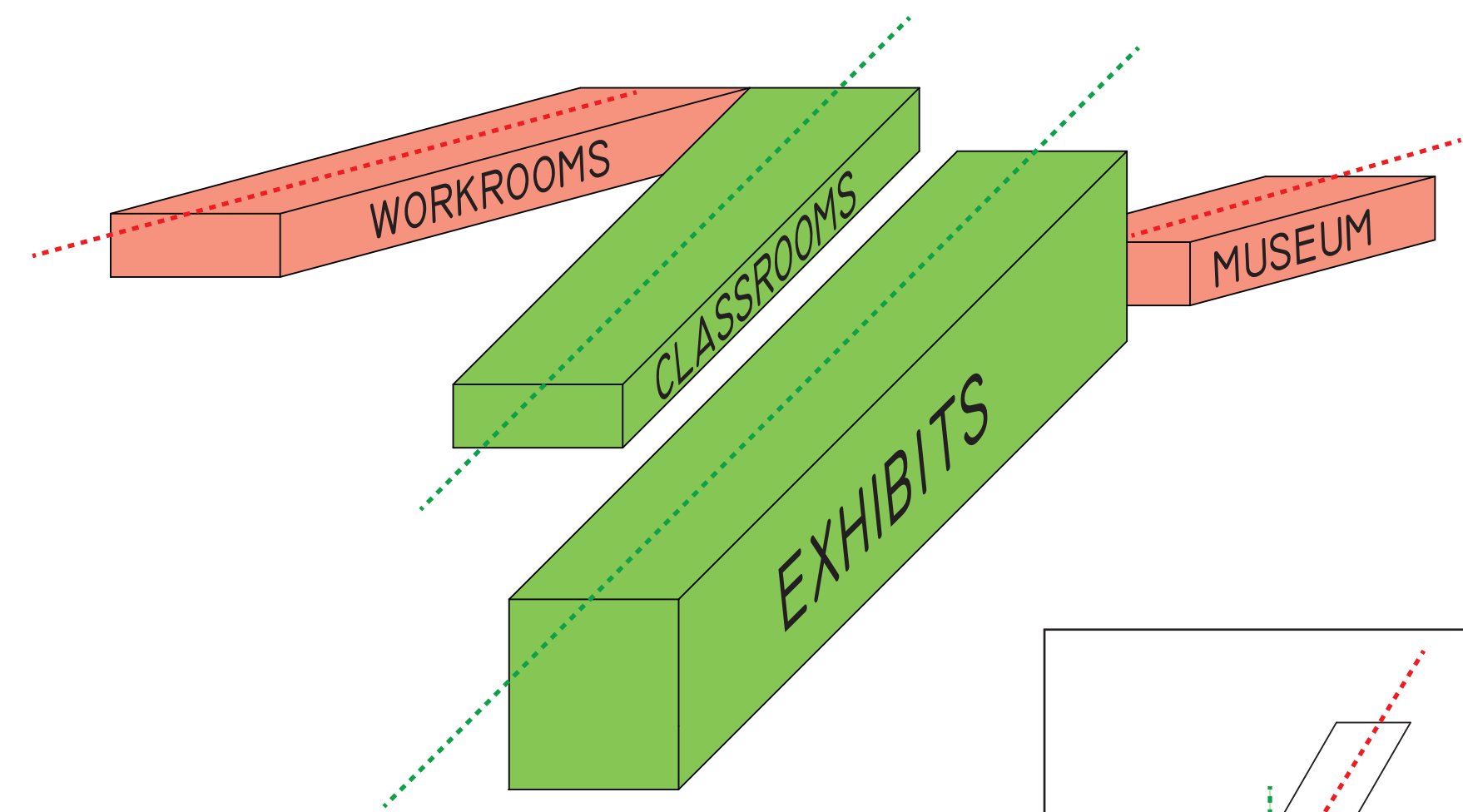
pull zones apart to create different experiences.



further divide information zone into education and creation locations.

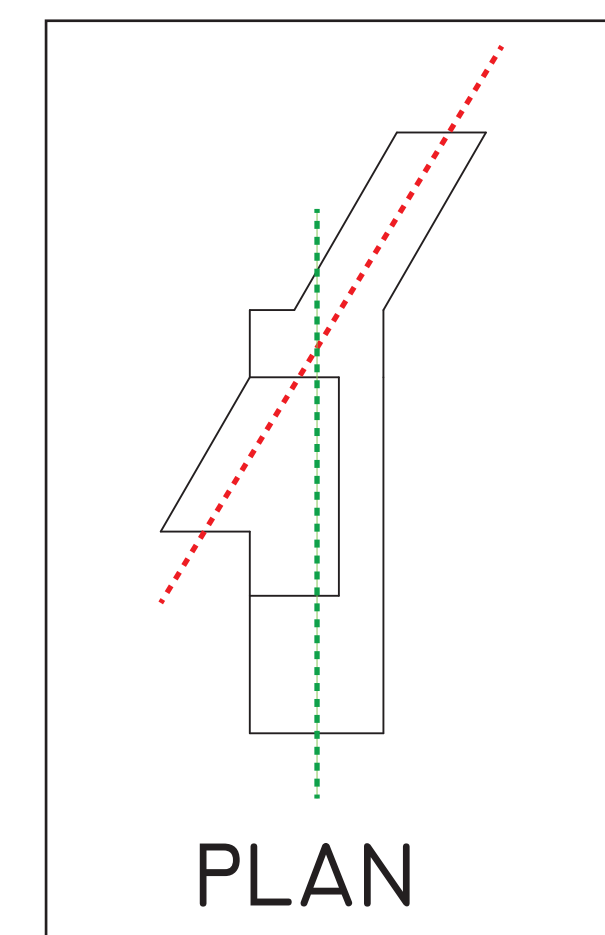


sectionally divide to create intimate space for museum and gathering space for cultural center.



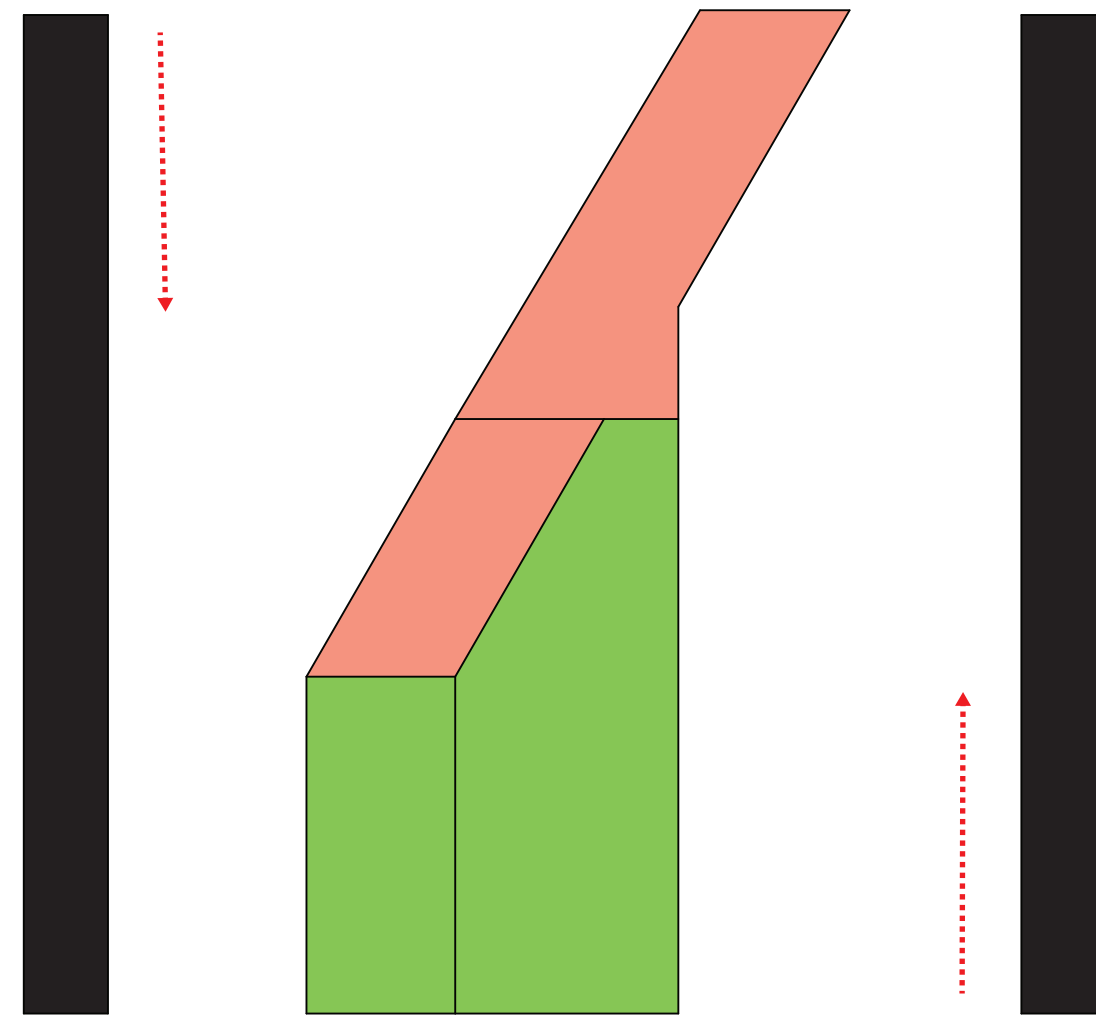
“create” zone arranged into workrooms and classrooms.

specify program.

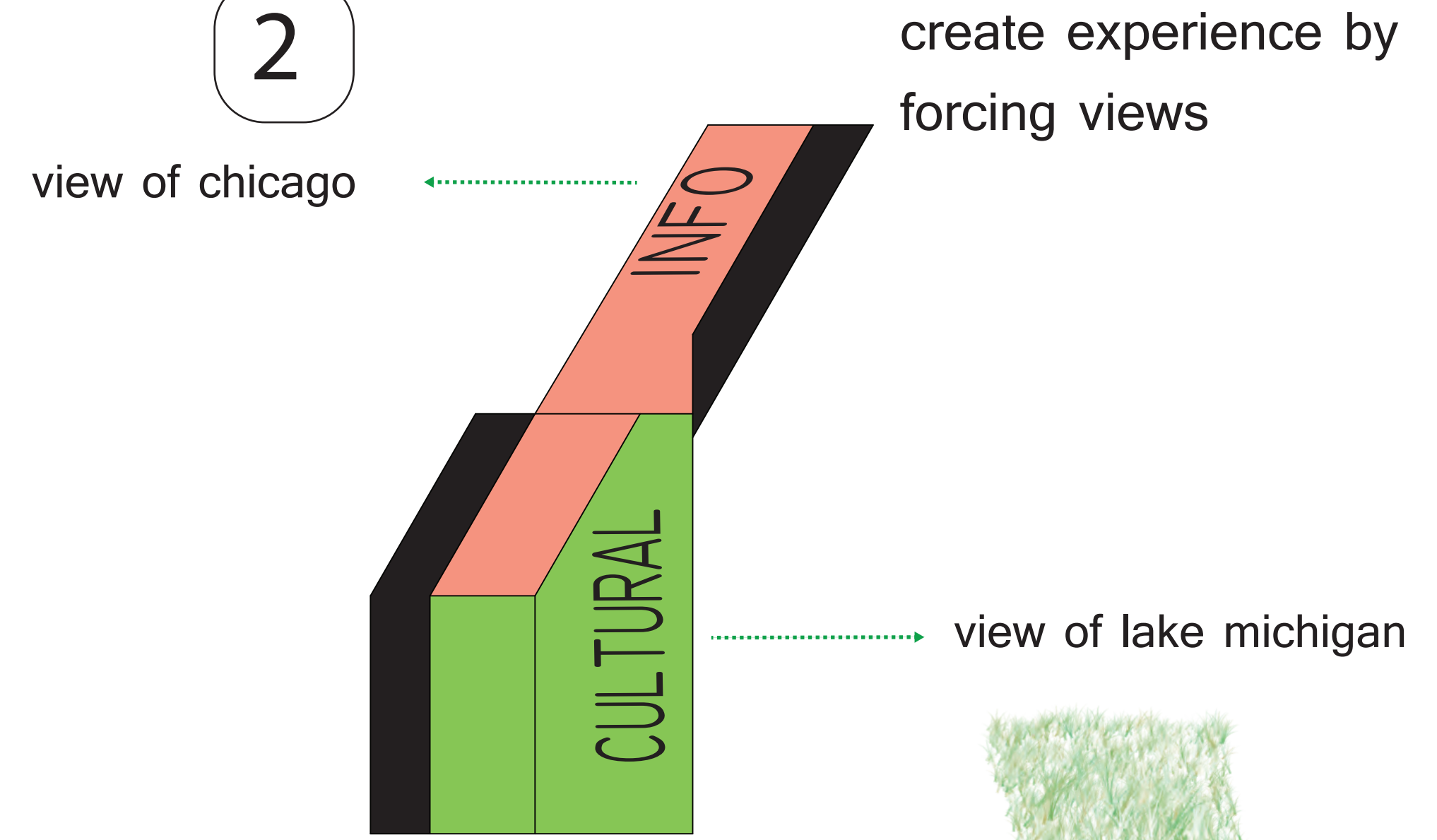


SHIELDING VIEWS

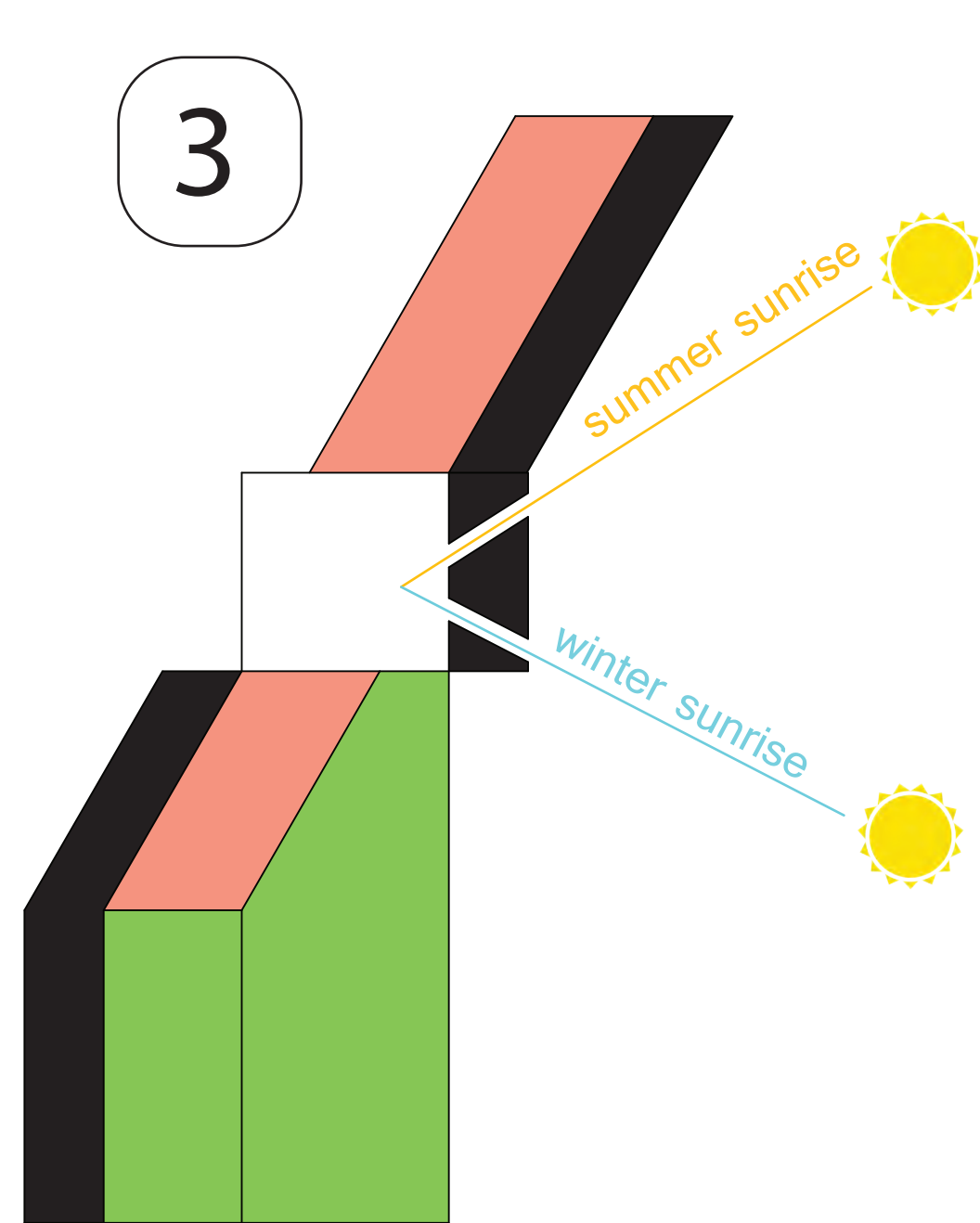
1



2

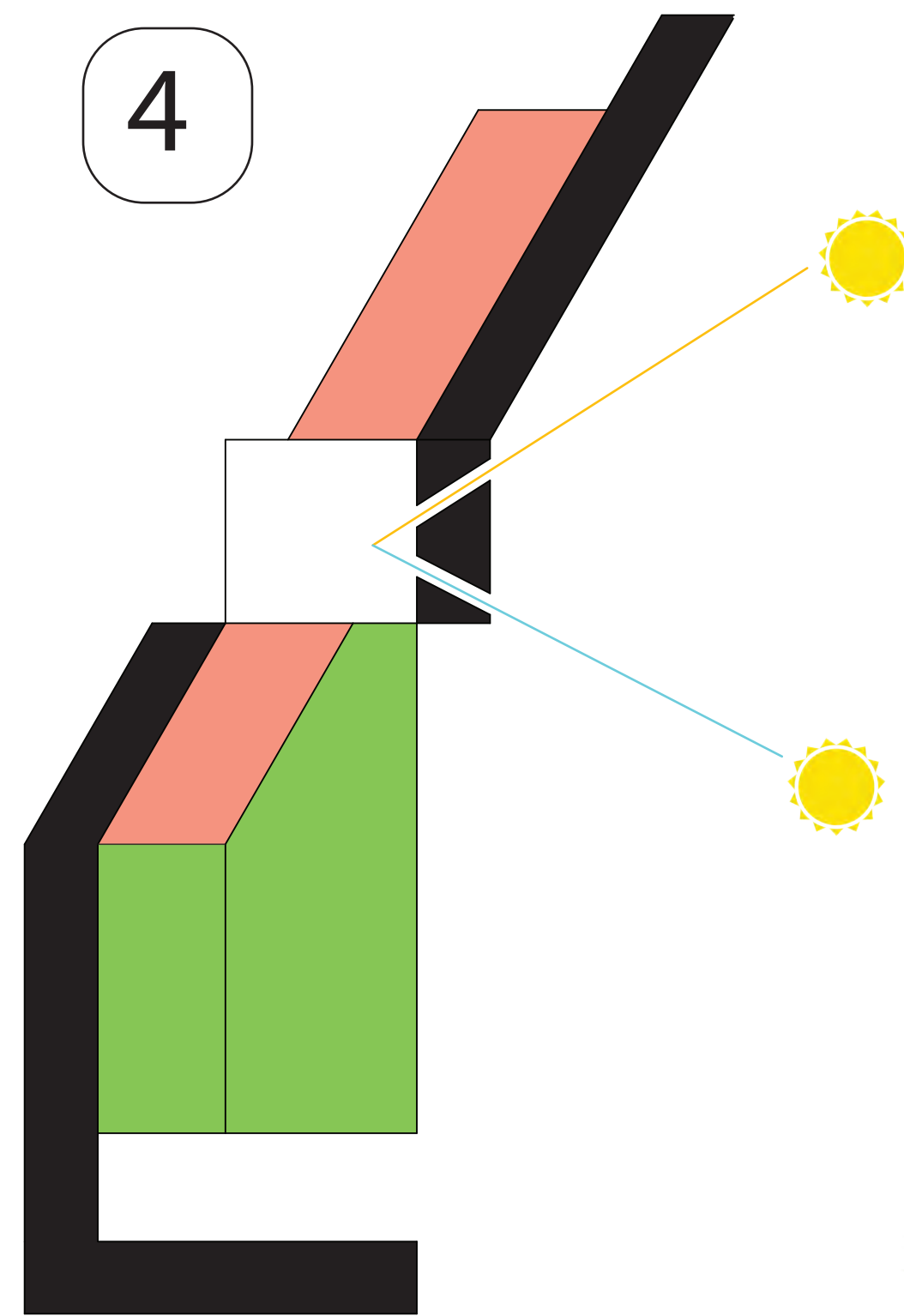


3



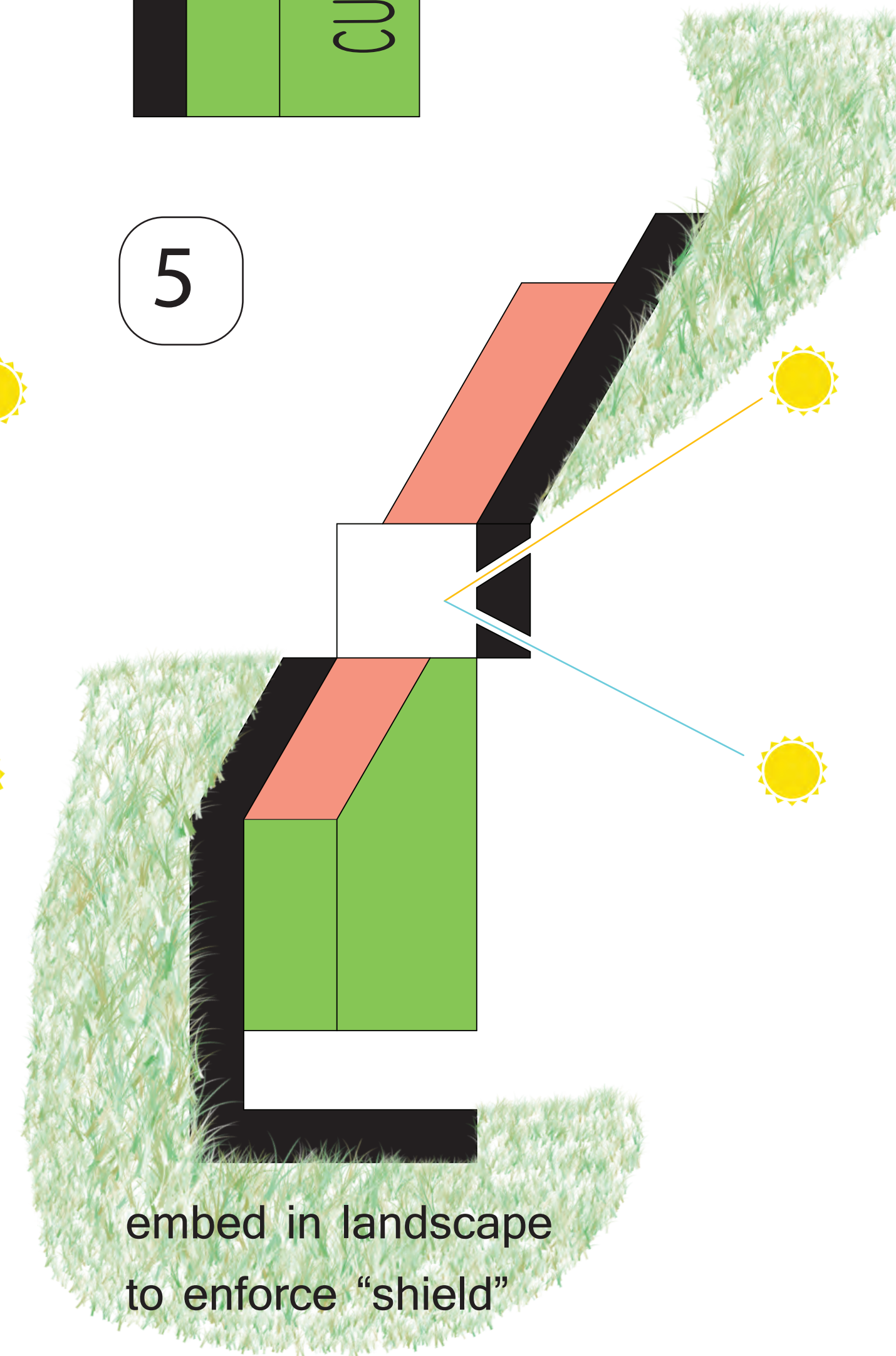
create central gathering area that begins connection with nature

4



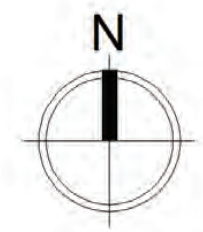
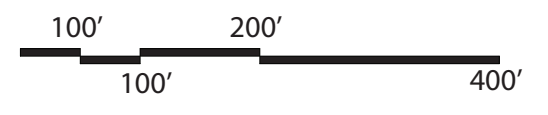
extend "shield" to wrap building to emphasize connections

5



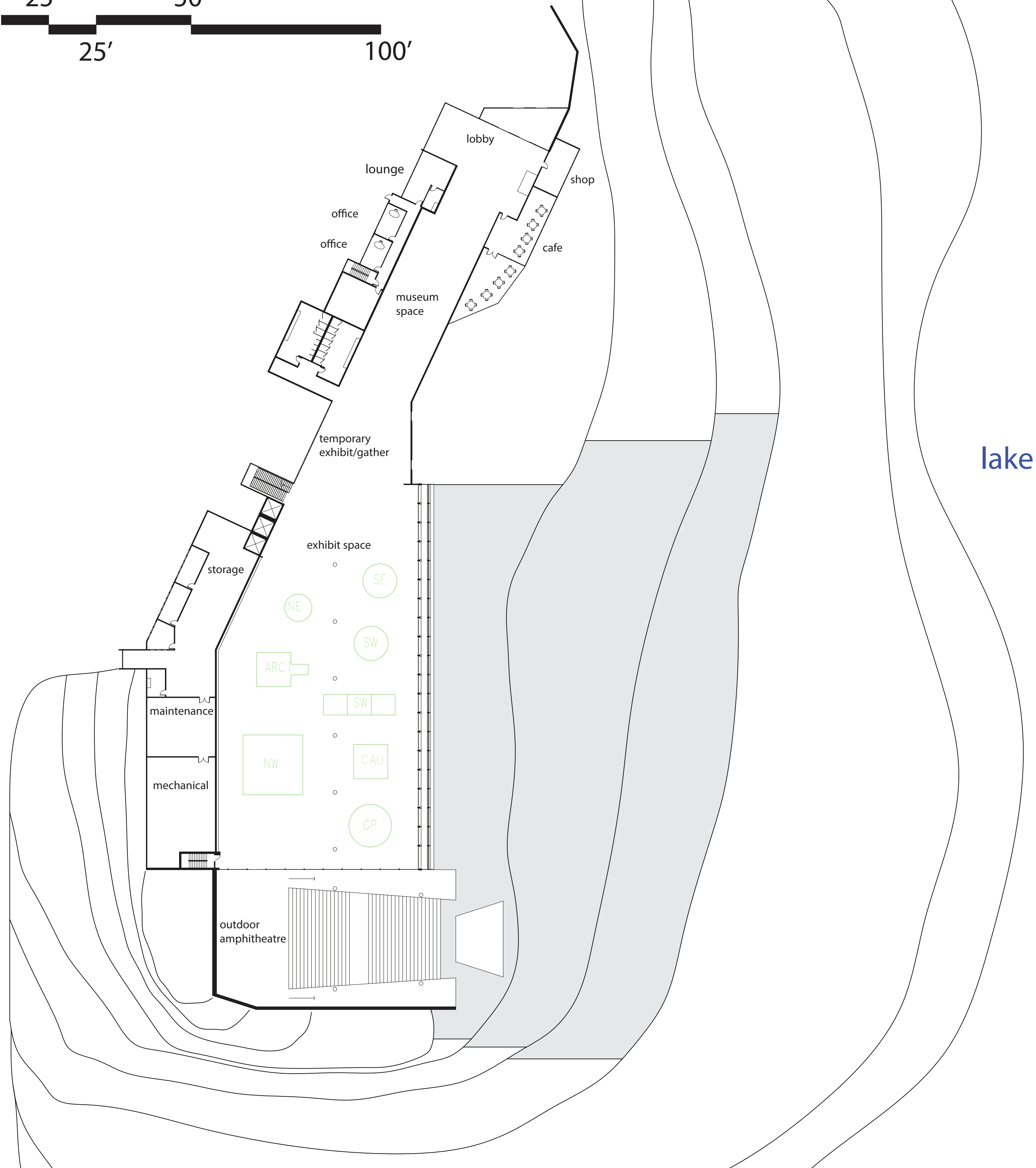
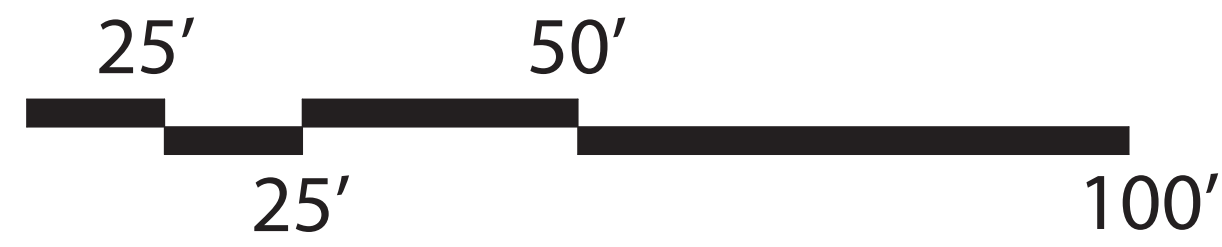
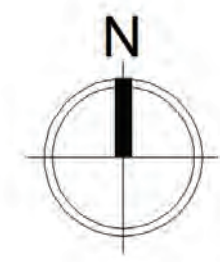
embed in landscape to enforce "shield"

site plan

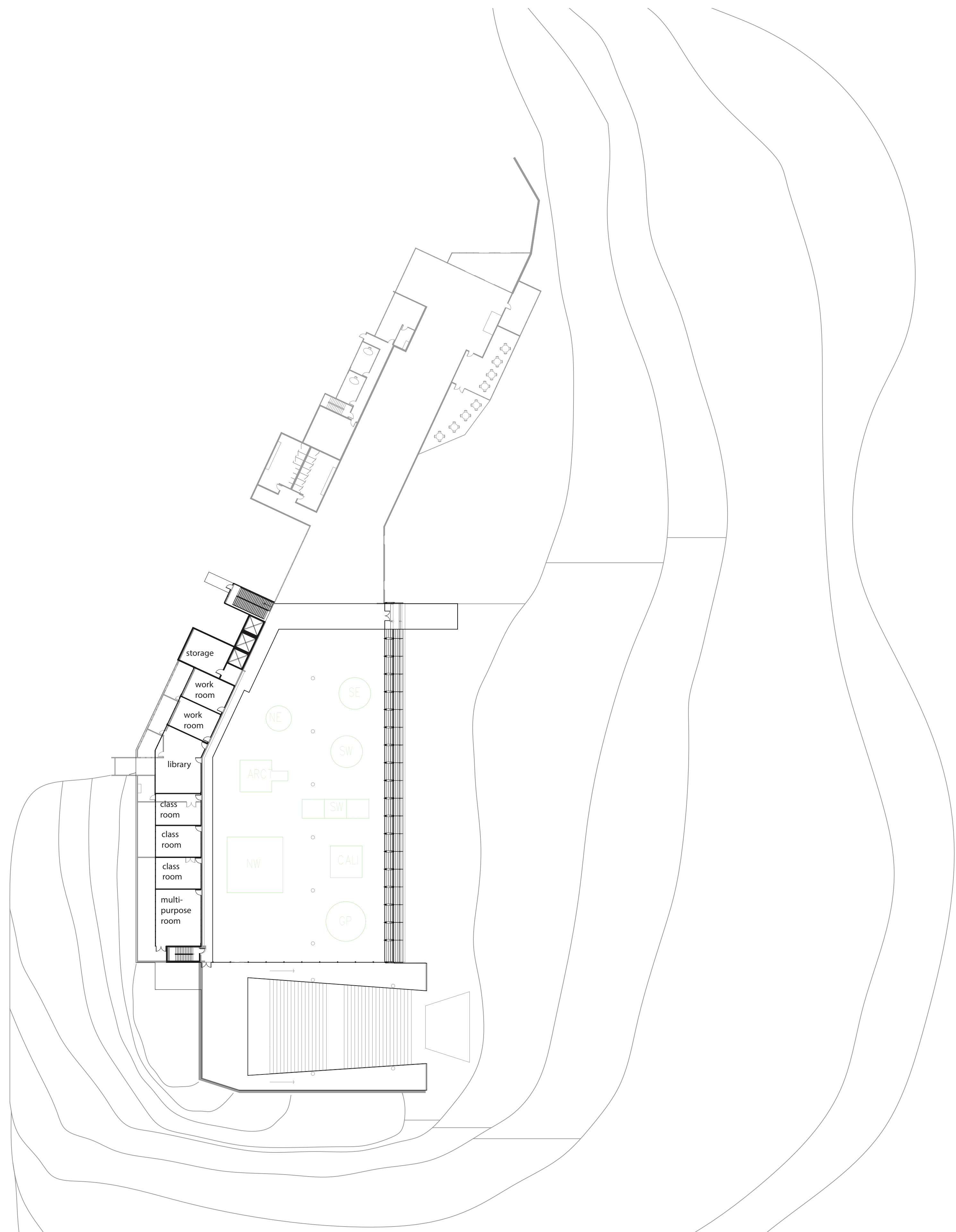


SITE PLAN

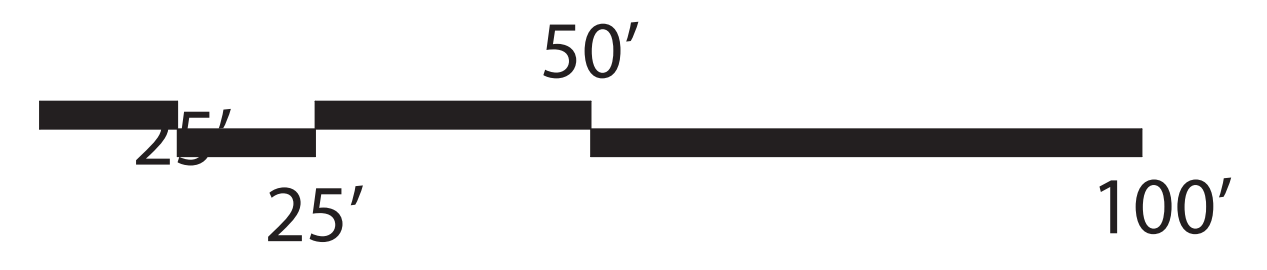
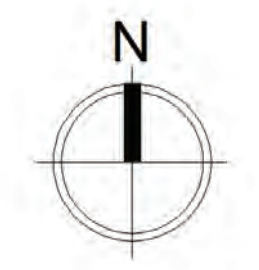
first level
gather and experience



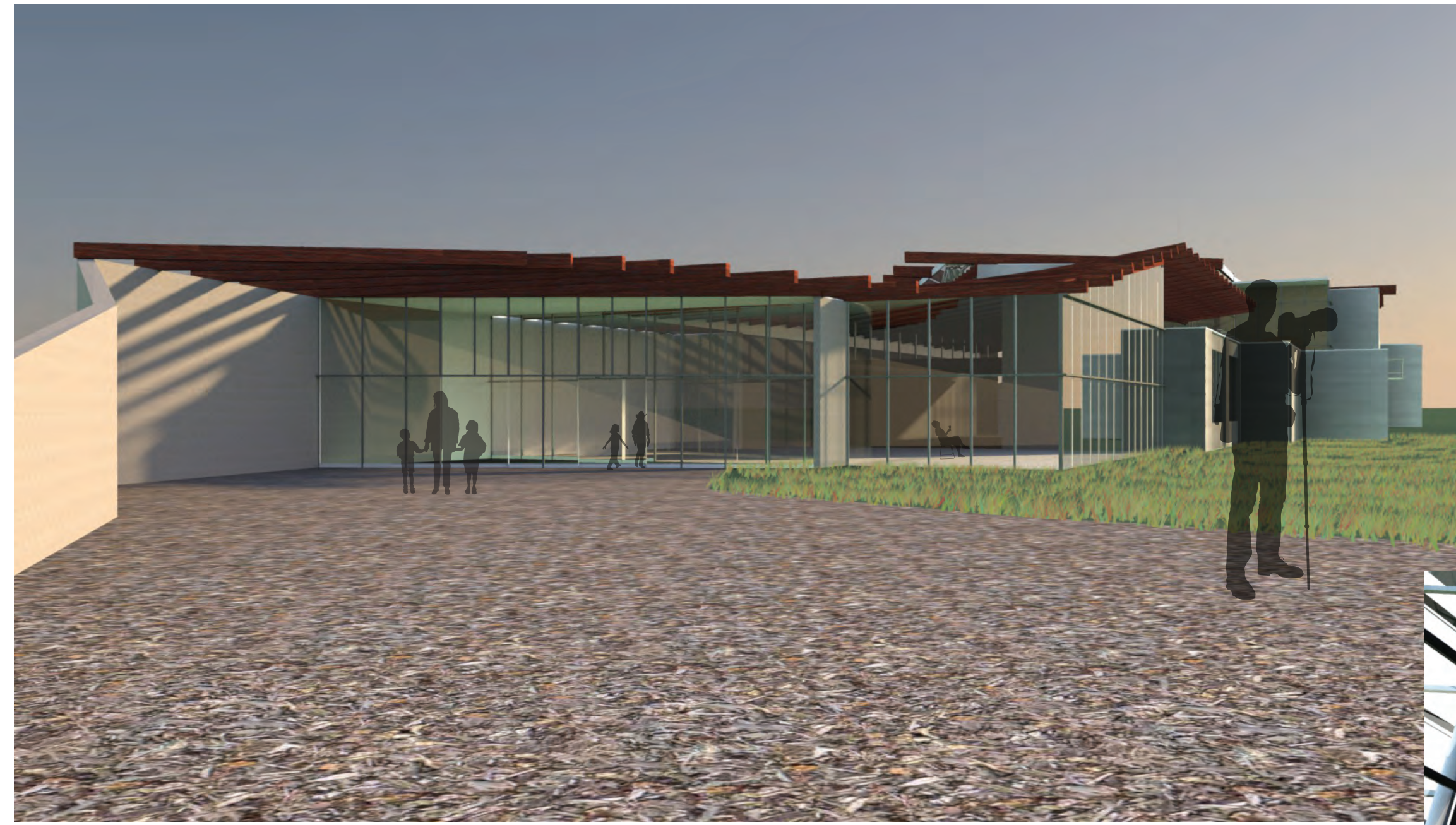
The main level is geared to set up for the final experience - exhibit space. Before entering, a bearing starts to rise out of the ground to inhibit the view of the lake. It sets up for an intimate museum space which contains artifacts from the past of native Americans. After leaving the msueum space the visitor arrives upon the temporary exhibit. This is located between the Museum and Exhibit space to help provide a linkage between the two worlds. The exhibit space is a large open area, where all dwellings are place. It is accompanied by a large curtain wall to the East. This is to open up to nature as much as possible, providing a sense of being built in nature.



second level
educate and create



The second level is geared towards educating and creating. Here, classrooms and workrooms are located overlooking the large exhibit space allowing users to have a spectacular view over the exhibit as well as to the lake. There is also a viewing walkway that encompasses this first level exhibit space. This is to further relate the space as the main experience.



entrance view



view of main exhibit space



exterior view of main exhibit space from East (shows ventilating ramp elements)

The curtain wall is a further connection to nature. Large ramping elements (ranging from 20'-60') gently slope down towards the water's edge. They follow the contours leading up to the design. These ramps contain a concrete maze in which lakefront winds will have to meander through. This is used as a cooling effect. As the air reaches the curtain wall, dampers can be opened to allow this air in. Clerestory windows lining the Western wall can then be opened. When these windows are opened wind passing over the building will create a suction force on the western wall allowing natural ventilation to occur from the East to West sides.

