STITCHED ECOLOGIES

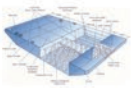
At Horseshoe Cove, where the dry ecology of the Marin Headlands meets the marine ecology of the Bay, an otherwise straight line is serrated to create a zippered condition where land and water interlock. In this process, the flat land form is cut and raised to accentuate the vertical dimension of these habitats. This process results in a series of slots which are further accentuated architecturally with shelter, and ecologically with planting, creating visual as well as actual distinct zones for visitors to explore.

Tilting ground plane

The fingers that result from this stitching and tilting of the ground plane allow, at the low end, for distinct estuaries which foster positive ecosystems for small plant and animal growth. At the high end they allow for points of overlook and a natural covering of proposed program below, including a café and warming hut.

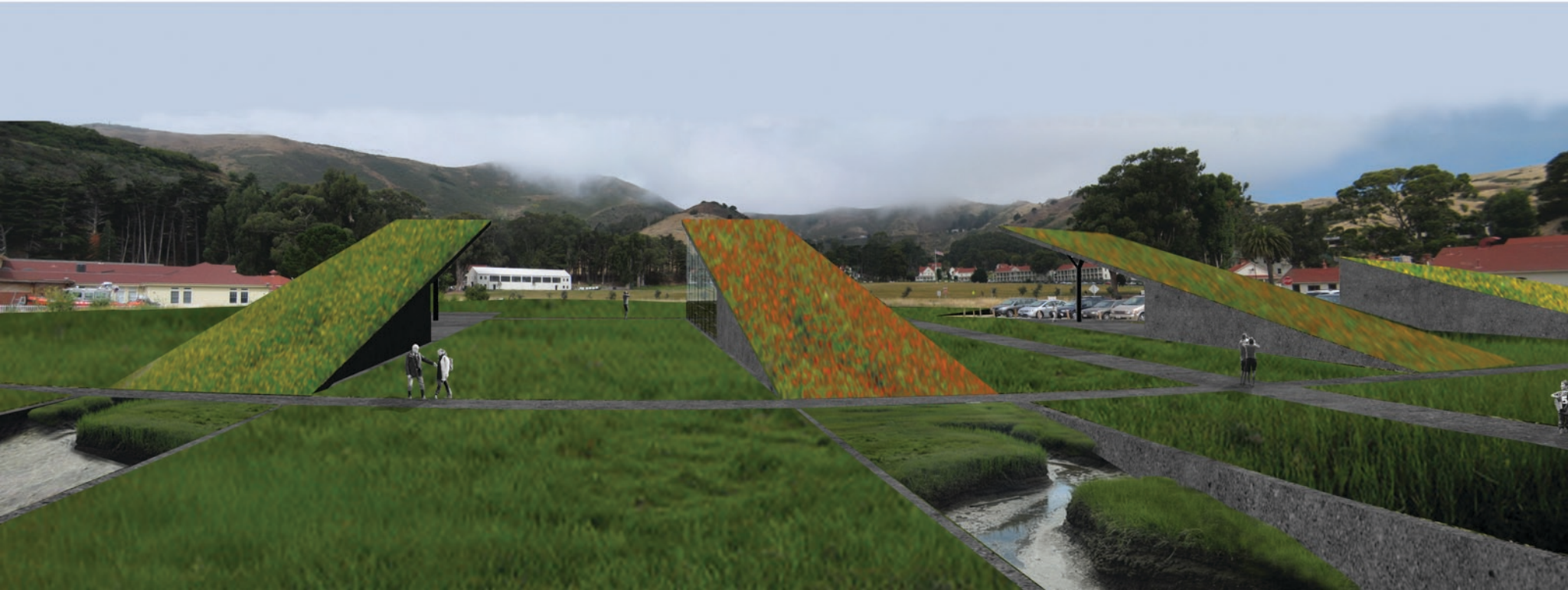
Historic Hospital

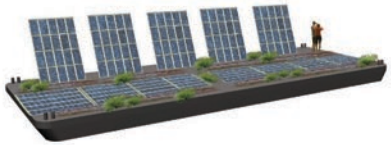
The footprint of the Army hospital that once occupied the site is used as a plan organizer for the new berms and coves. The National Park Service's stated goal to create some sense of remembrance of the prior use of the site Is embodied in this fundamental organizing tool.



Movable Ecosystems

The cavities in the land form – occupied by the Bay – are reconstituted as movable ecosystems on industrial barges. These barges are powered by renewable energy sources, and are created, inhabited and planted to demonstrate and sustain specific slivers of the ecology of Horseshoe Cove. One barge would be planted with an ecology to support Mission Blue Butterflies, for example. The barges would be capable of being transited about the San Francisco Bay to act as a moving classroom, bringing the ecology of Horseshoe Cove to people unable to visit this special place.





SOLAR BARGE

FOG WATER COLLECTION BARGE

FARM BARGE

WIND POWER BARGE