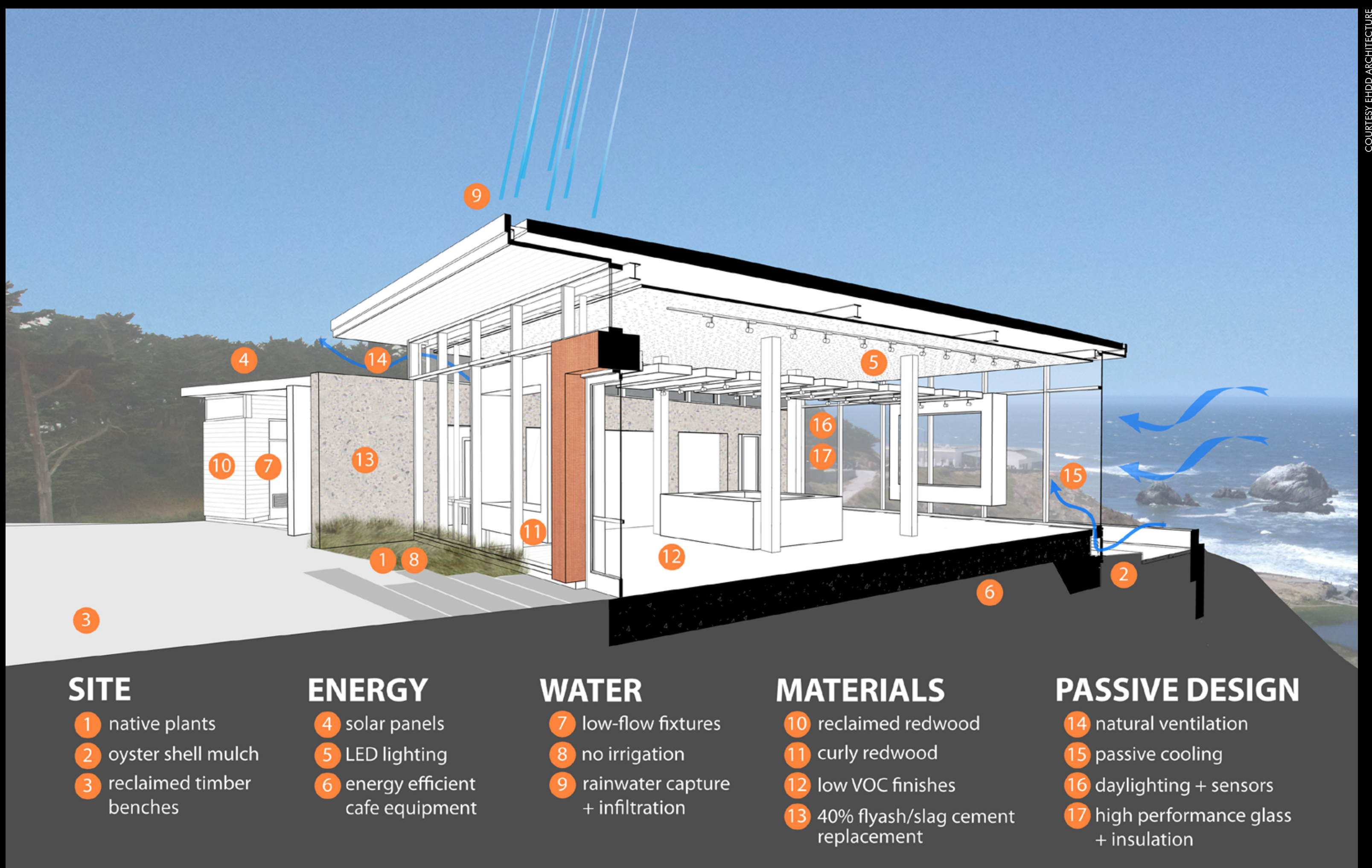


# SUSTAINABILITY

Thoughtful and careful use of resources helps the environment remain diverse and productive, capable of supporting future generations. The Golden Gate National Recreation Area's commitment to sustainability helped shape the design of the Lands End Lookout. In particular, the designers focused on increasing energy efficiency, balancing water flows, and restoring habitat.



Section through Lands End Lookout, showing sustainable features.



Curly redwood from Cliff House remodeling, refurbished and used at the entry.

Sustainability by the numbers: The building's energy consumption is 38 percent lower than that of similar structures. The use of LED lights and sensors that turn off those lights when they aren't needed means that 70 percent less energy is required to illuminate the

building. Low-flow fixtures save more than 70,000 gallons of water annually.

Native plants, permeable surfaces, and reclaimed materials increase the sustainability of the landscape.

Rainwater that doesn't soak directly into the ground is piped to an infiltration basin, from which it percolates back into the aquifer. Building materials were selected for durability and environmental performance, and the designers selected locally available products with high recycled content and low toxicity.



Thatched habitats for ground-dwelling wildlife created from downed tree limbs.

Natural ventilation provides fresh air and free cooling, while high-performance glass and insulation reduce the energy required to heat the building; solar panels further offset the building's energy needs.