BANK ON IT

SLOWING THE FLOW ON STRAWBERRY CREEK

Bank On It integrates green infrastructure on the banks of Strawberry Creek to support campus flood mitigation and stormwater objectives. The project transforms a polluting parking lot and a neglected reach of Strawberry Creek into a vibrant, multifunctional plaza converging people and water. Permeable pavers, subterranean check dams, and terraced bioretention cells provide a stormwater **"treatment train"** to capture, clean and slowly release runoff into an enhanced stream corridor. Bank On It goes further: declaring our campus and surrounding community deserve a place to discover and celebrate a critical cornerstone of the University and its watershed. Bank On It utilizes an **eco-revelatory design** approach to spotlight Strawberry Creek as the ecological heart of the UC Berkeley campus and challenges the campus community to reconsider its role in regional hydrologic dynamics. The overarching objectives of Bank On It are framed in contexts exceeding the concerns of a single campus: global climate change is driving more frequent wildfires and atmospheric rain events in the region, posing dramatic stormwater impacts. Bank On It reimagines our campus stormwater and creeks as much more than simple stormwater conveyance systems: instead, we redefine them as critical opportunities to explore sustainable development and take steps towards a more resilient, vibrant future.

SITE DMA= 2 ACRES

AVERAGE STORM=.95"

4,541 ft³ BIORETENTION TERRACES

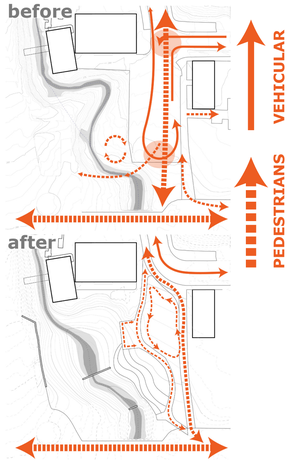
2,585 ft² PERVIOUS PAVEMENT

29 TONS EMBODIED CARBON

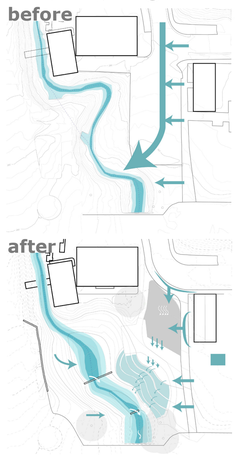
254 TONS SEQUESTERED OVER 50 YEARS

9 YEARS TO CARBON POSITIVE

CIRCULATION



WATER FLOW



RUNOFF FROM AN 80th-PERCENTILE RAIN EVENT