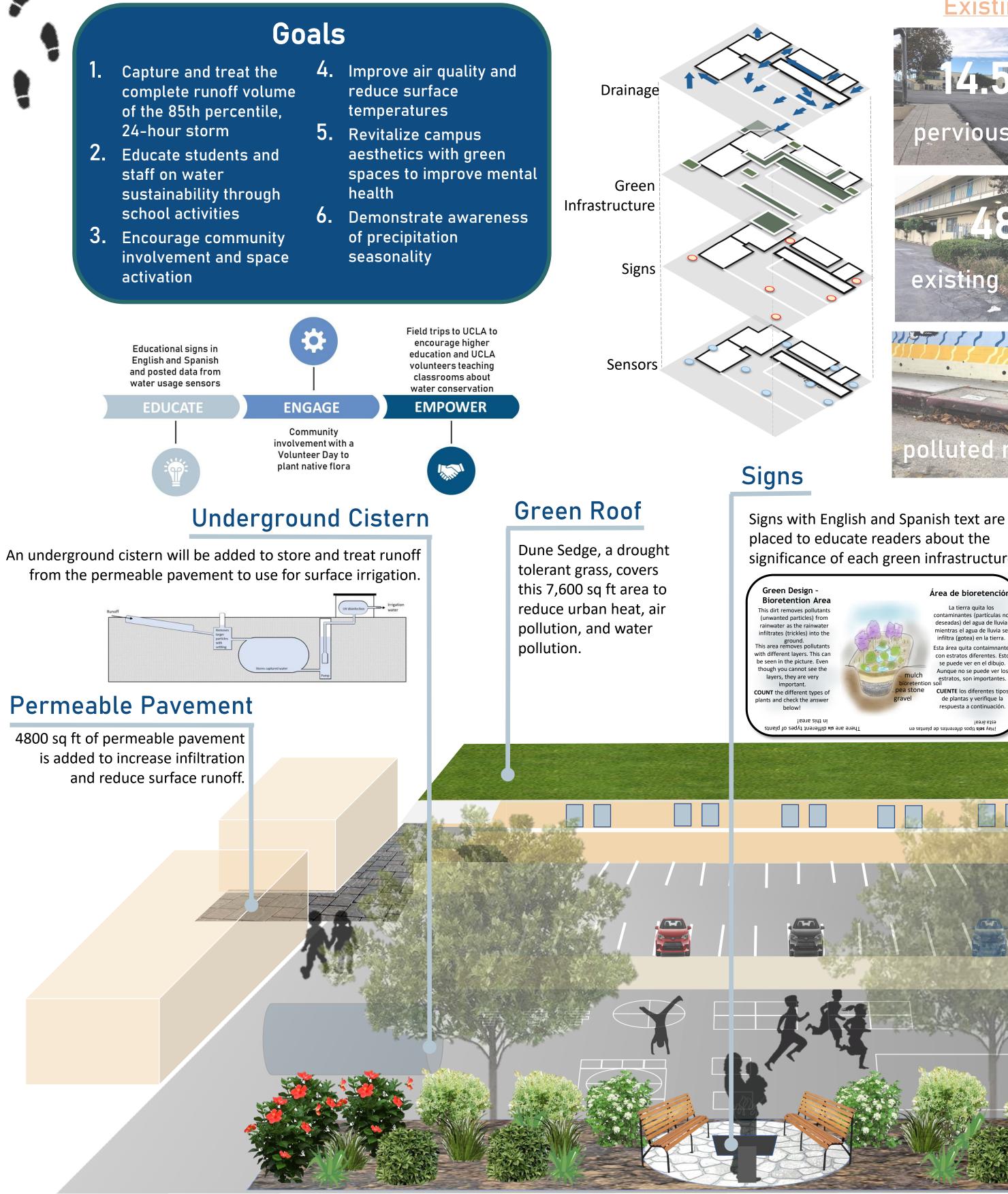
LITTLE STEPS TO A SUSTAINABLE FUTURE educating those who will grow to shape our world

The Brockton Avenue Elementary School campus spans 112,400 square feet and is home to 247 elementary school students. As a Title I school, 73 percent of its students qualify for free or reduced lunches, and 41 percent of its students are English-Language Learners. Currently, 62,400 square feet of the campus is paved with asphalt to accommodate parking, walking, and recreational spaces. The area allotted for recreational activity has minimal to no shade, which often leads to dehydration and exhaustion during play. "Little Steps to a Sustainable Future" envisions the education, engagement, and empowerment of the students at Brockton Avenue Elementary School with a green infrastructure site redesign proposal that manages and treats stormwater runoff on-site while inviting students in learning the purpose and process of green infrastructure work.





This area demonstrates the proposed utilization of green infrastructure on the Brockton Avenue Elementary School campus.

Existing



introduced

16%

significance of each green infrastructure. Área de bioretenciór La tierra quita los ontaminantes (partículas deseadas) del agua de lluvia mientras el agua de lluvia se infiltra (gotea) en la tierra Esta área quita contaimnant con estratos diferentes. Esto se puede ver en el dibujo Aunque no se puede ver lo stratos, son importante

UENTE los diferentes tipo

de plantas y verifique la

Hay seits tipos diferentes de plantas en

Sec. 3

leene etse

Bioretention Area

filter fabr

This area removes silt and pollutants from surface runoff. This is done by layers of mulch, bioretention soil, pea stone and gravel. A cross section of the area shows these layers:

3" fine-shredded hardwood mulch 24-48" bioretention s 40% sand - 20-30% topsoil - 30-40% compost

Drought Tolerant Rain Garden

vegetation is below:

