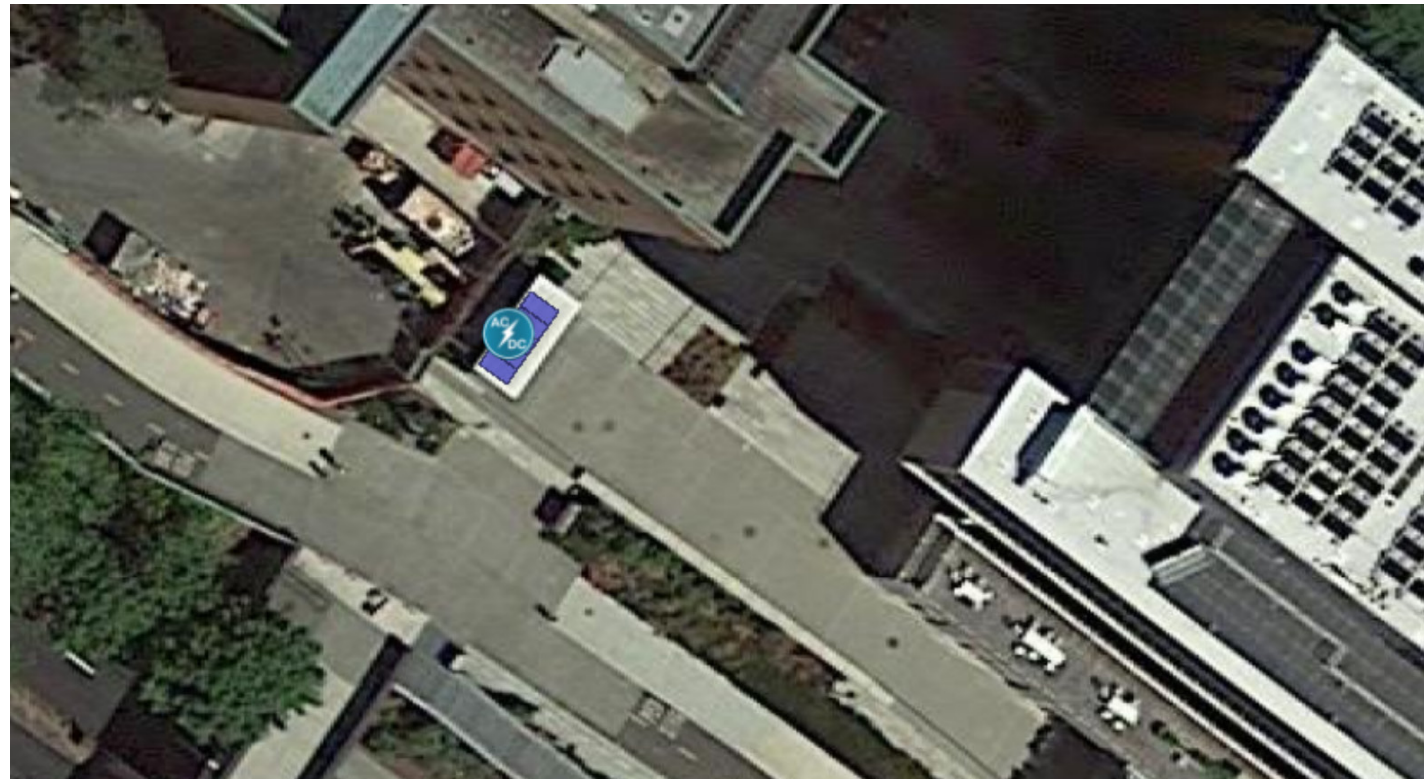


# BIKE CHARGING PROJECT | 2 POTENTIAL SITES

## SITE # 1: BURKE GILMAN TRAIL, LIFE SCIENCES BUILDING

This bike rack near the Life Sciences Building is large enough to accommodate precisely the 5 320 Watt solar panels that were proposed for this project. The benefits include proximity to the Burke Gilman Trail, a flat roof that allows for a South-facing fixed-tilt array, and negligible shading. However, the number of bikes at this location is far lower.

1.6 kW array, shaded slightly by building.



HELIOSCOPE DESIGN

## SITE # 2: STEVENS WAY, MOIES BUILDING

This structure is 60 feet by 10 feet, over three times the dimensions required for the proposed 5 panel design. The benefits of using this site opposed to the other include a larger number of stored bikes, proximity to the center of campus, and the possibility of a larger array.

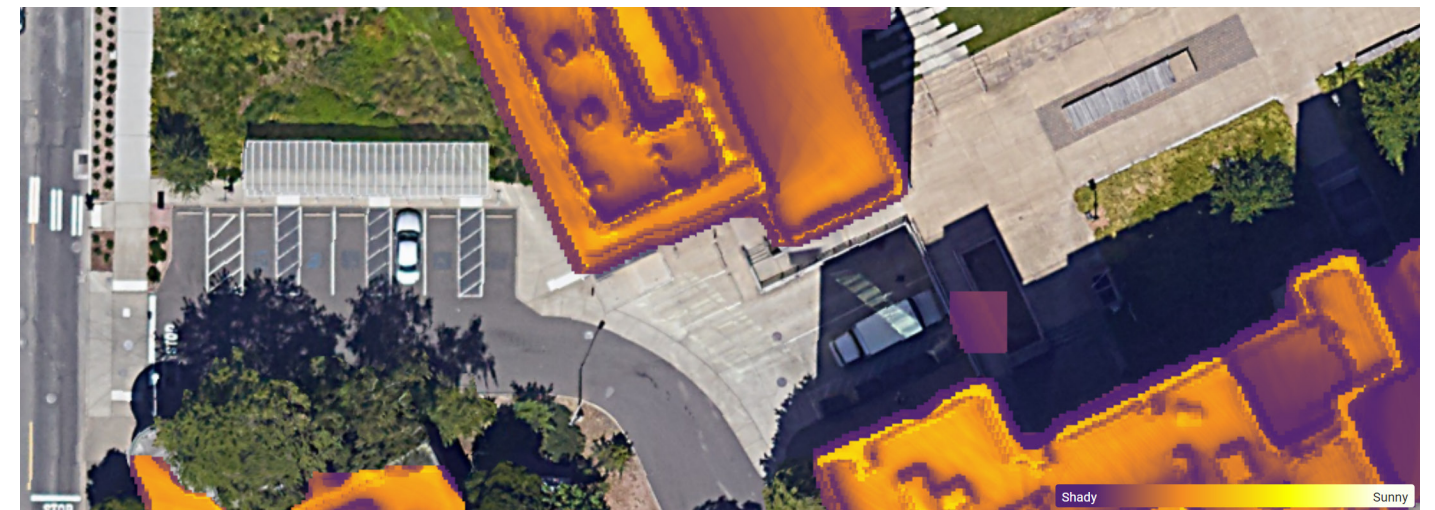
1.6 kW array, shaded slightly by trees.



HELIOSCOPE DESIGN



SUNROOF: SHADING



SUNROOF: SHADING