



# E-18 Parking Lot Solar Canopy pilot program – CUCAC Meeting –



May 13, 2025

# E-18 Parking Lot Solar Canopy pilot program –



## Goals & Objectives

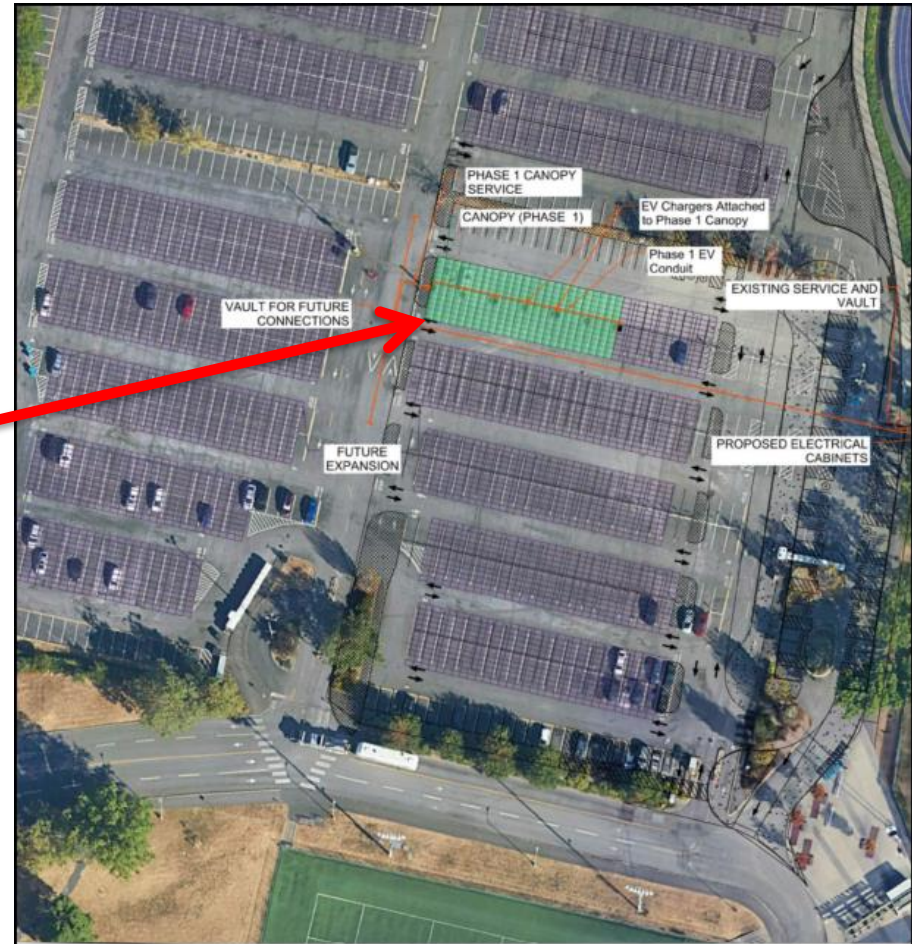
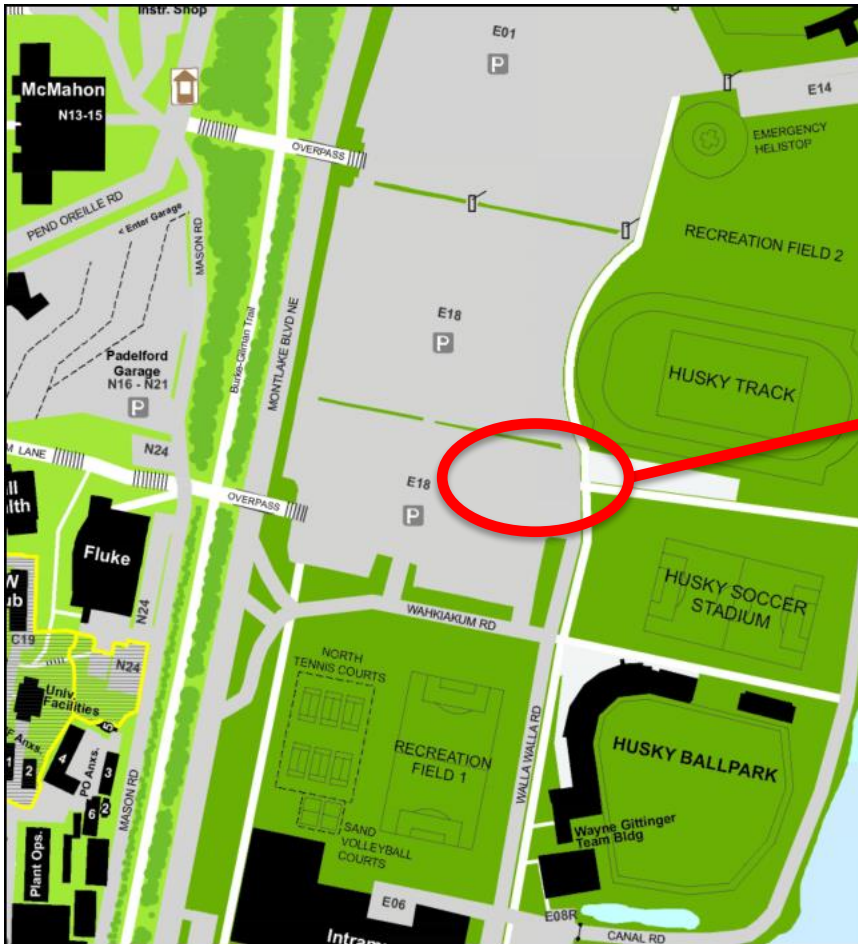
### Background:

- The University of Washington has identified objectives and outlined goals to improve campus sustainability performance. UW Transportation Services is involved in this effort by incorporating renewable solar energy into their operations related to increasing the electric vehicle fleet.

### Goal & Objective:

- Design and construct a solar array with canopy support system covering approximately (40) existing parking stalls to provide 84kW of electrical power connected to the city and campus electrical grids and capable of connections to future UW charging stations.

# Project Location



Depicts potential canopy expansion program and consideration for future ADA project.



# E18 –Solar Canopy

## Basic Site Plan

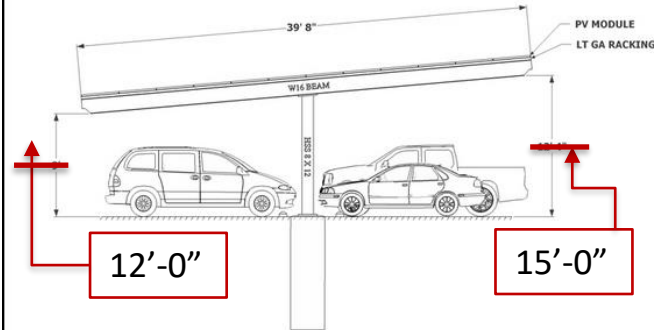
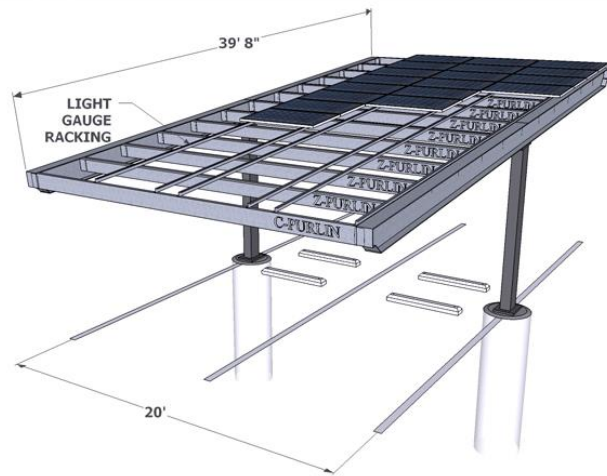


— Electrical equipment enclosure

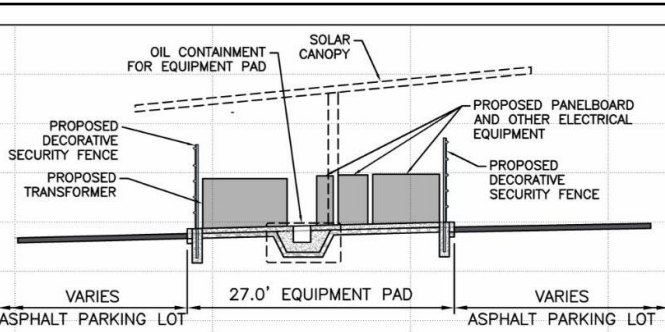
— Solar canopy outline

— Temporary Construction Fencing

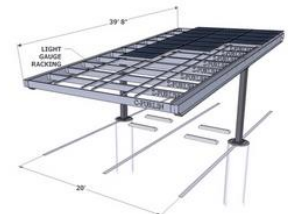
# Solar canopy design



Canopy paint color:  
Patrician Bronze



Section through electrical equipment enclosure







**Solar canopy  
example images**

# Project Schedule -

- Design and Permits April, May 2024
- Bid Results May 2024
- Construction ~April thru July 2025

---

## Wrap up

## > Questions ?