

# UC Davis West Village A Zero Net Energy Community



**Location**  
Davis, California

**Client**  
West Village Community Partnership, LLC

**SWA Scope**  
Site Planning, University Approvals, and Full Landscape Architectural Services

**Size**  
130 acres / 52.6 hectares

**Green/LEED-Rated Design Elements**

- Largest Zero Net Energy Community in the US
- Compact walkable Neighborhoods
- Stormwater Detention and Retention Ponds
- Extensive Bike Network
- Environmentally Responsive Architecture
  - Permeable paving
  - Photovoltaic Panels
  - Solar Thermal Collectors
- Passive Cooling of Building and Pavements
- Extensive Tree Shade

The West Village Master Plan was a response to the substantive growth in the number of students, faculty and staff on the Davis campus, and rapidly escalating housing costs, which together have forced campus affiliates to seek housing outside of Davis. The West Village residences and apartments provide new choices for those who desire to live, work, and recreate in a sustainable residential neighborhood that is seamlessly integrated with UC Davis' core activities. The implementation plan is based on three core principles: housing affordability, environmental responsiveness, and quality at place.

Phase 1 includes: housing for 1,980 students and 312 units Faculty/Staff housing; mixed-use commercial/office with housing above; site infrastructure and facilities including a village square, neighborhood parks, greenbelts, paseos, and drainage features, bikeways and bus routes, habitat and drainage ponds;



education facilities including pre-school/day care facility, community college and a satellite high school and recreation fields for university-wide recreation and intramural sports.