

Sustainability Map



GREEN ENERGY
The campus has recently upgraded the main central plant and piping distribution system to account for future building loads including a 20,000-ton-hour thermal energy storage (TES) tank. The system includes energy-efficient design to reduce the GHG emissions when compared to a traditional electric chilled water plant.



CHILD DEVELOPMENT COMPLEX (70-73)
LEED certified Points were earned for reducing the heat island effect, water use reduction, water efficient landscaping, optimal energy performance, increased ventilation and building reuse, water efficient landscaping, and innovation in design.



KOI POND
This is the crown jewel of Mt. SAC, designed and built by prior students. The pond features a tranquil, shaded garden with a seating area that contains Japanese Maples and Cycads.



DEMONSTRATION GARDEN
This garden was designed and built by students to display the different uses of plants. Horticulture classes utilize the garden for plant identification as well as irrigation management. The garden has a large variety of plants including bamboo, succulents, cactus, and fruit trees.



PASTURES
Triangle, Reservoir, Cactus, Equine, Hill - The Mt. SAC Farm provides instructional facilities for the College's Agricultural Science Programs. The programs are well-suited for this land area, which provides an appropriate degree of separation from the other land uses, allowing open access when desired and secured access when needed. The topography ranges from gently sloping to hilly.



BUS STOP



BICYCLE PARKING



GREEN ENERGY
The campus' main central plant equipment consists of a 500-ton gas-fired absorption chiller, two 750-ton electric centrifugal chillers and an 840-ton electric centrifugal chiller. The 500-ton gas-fired absorption chiller is driven by waste heat from a 1.5 MW cogeneration system housed in the central plant. The absorption chiller has had issues with operation and is currently being used to cool and return water back to the TES.



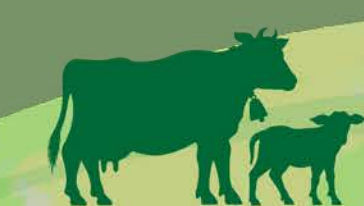
INSTRUCTIONAL SUSTAINABILITY GARDEN
15 raised beds with rotating crops consisting of artichokes, asparagus, blueberries, beans, corn, flowers, herbs, lettuce greens, peas, perennial vegetables, squash, strawberries, and more.



RECYCLING



HILMER LODGE STADIUM & ATHLETICS COMPLEX EAST
LEED certification in progress. Featuring a 10,000-seat stadium, a new Field House and 60,000 square feet of teaching space. Includes a 9-lane 400-meter track, a natural turf infield, and a new press box. A bridge over Temple Avenue provides pedestrian access to the site from Parking Lot F.



PASTURES
The eastern and southern hilly terrain of this zone was originally set aside for the possibility of more intensive use in the future. This zone serves as the setting for Mt. SAC's cross-country course. Decades of competition records are associated with this course—a compelling reason to preserve its route without alteration. This zone also provides essential grazing pastureland for Mt. SAC's Agricultural Sciences and Animal Science Programs. Although this zone is not formally maintained for native flora, it is home to native species, such as black walnuts, oaks, and coastal sage scrub communities.



WATER BOTTLE REFILL STATION



PASTURES
Similar to the southeastern portion of this zone, the West Parcel portion provided essential grazing pastureland for Mt. SAC's Agricultural Programs. Many residents remember driving along Grand Avenue and seeing the cattle grazing on the hills of the West Parcel. In 2018, Mt. SAC formally recorded a Declaration of Restrictive Covenants to protect portions of this property that provide high quality habitat for sensitive animal and plant species such as the California gnatcatcher, coastal cactus wren, Venturan coastal sage scrub, and mule fat scrub in perpetuity.



PROTECTED HABITAT
This two acre expanse is the California Black Walnut (CBW) Mitigation habitat. This mitigation was required to offset impacts made to the existing CBW woodland that was removed to build the new Athletics Complex East. This site consists of 200 CBW, 16 Coast Live Oaks, and related underplanting. This site will be temporarily irrigated for a few years and then left alone. Hydroseeding was placed at the north face of Reservoir Hill.



PROTECTED HABITAT
This parcel is protected from development in perpetuity.



WILDLIFE SANCTUARY
The Mt. San Antonio College Wildlife Sanctuary is a 10-acre protected and cultivated preserve for the trees, shrubs, and flowers which once grew in abundance here; and for the birds and other animals who use it as a migratory refuge and breeding ground. The Sanctuary supports a natural stream and a pond which has become a home and visitation spot for many bird species. The sanctuary includes 25-seat amphitheater which is used to conduct classes.



TEMPLE AVE GREEN CORRIDOR
This development provides pedestrian, landscape and traffic calming improvement along the south side of the street. Developed concurrently with the new 900-foot-long pedestrian bridge crossing Temple Avenue, which serves the Parking Lot S parking structure and the public transportation center.



OBSERVATORY
Located on top of the Science Lab Bldg (60), the 20' steel dome houses the 16" Meade RCX-400 Shcdmit Cassegrain Telescope students use to research delta scuti variable stars. The observatory also houses several other smaller 8" and 10" telescopes used for astronomy class. The observatory is open to the public once a month from 9:00 - 10:30 PM for free telescope observing.



EXPLORATORIUM
Located in the Science Lab Bldg (61), the Exploratorium features the B.J. Meek collection of taxidermic animal specimens from every continent. It also includes science displays and provides tours for local school children.



FARMER'S MARKET
Sponsored by the San Gabriel Valley Chamber of Commerce it is located in Parking Lot B on Saturday mornings. Offered at the market are farm fresh produce, colorful cut flowers, hand-crafted items, jewelry, ready-made food. There is shaded food court seating, free parking, free drawings, and a community booth.



The College has begun implementing more California native plants and drip irrigation around campus to reduce water usage. Not only do these changes help Mt. SAC transition to a green campus, but it also provides learning opportunities for students in various fields ranging from agriculture and horticulture.



ELECTRIC VEHICLE CHARGING STATION

ADMINISTRATION BUILDING (4)
A LEED certified holistic green building that provides a healthy, resource-efficient, cost-effective building; one that enhances the lives and experiences of everyone who walks through its doors.

This map was inspired by and is dedicated to Mika Klein