

UC San Diego

SUSTAINABLE CAMPUS LANDSCAPES
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NATIVE AND DROUGHT-TOLERANT LANDSCAPES

Prepared by Campus Planning



Ridge Walk at Muir College

SUSTAINABLE CAMPUS LANDSCAPES OVERVIEW

Introduction

The campus landscape is a dynamic, attractive and functional space that plays a critical role in our efforts to create a sustainable future. These spaces reflect our university values and speak to our stewardship, a focus on students, research and public service.

These projects highlight how landscape can help integrate structure with site. They illustrate how stormwater systems, campus circulation and infrastructure can be knit together by a holistic system that provides ecological function and minimal resource demand.

This segment of the Campus Loop Road also serves as public space in the center of Sixth College. As a complete street, plantings support multi-modal transportation and incorporate stormwater management, with drought-tolerant, durable species that are consistent with the Loop Road design throughout campus.

Selected Species: *Platanus racemosa* (California sycamore), *Juncus patens* (California grey rush)



Loop Road at North Torrey Pines Living and Learning Neighborhood

Part of the Campus Open Space Preserve – Urban Forest, the canyon contains stormwater systems, formal and informal circulation through a rustic plant palette of native and drought-tolerant species.

Selected Species: *Platanus racemosa* (California Sycamore), *Leymus condensatus* “Canyon Prince” (Wild Rye)



Pepper Canyon and Central Campus Trolley Station



In this busy, transit-oriented central plaza, the plantings are designed to be drought tolerant, durable and complimentary to the adjacent buildings, LRT station and amphitheater.

Selected Species: *Olea europaea* spp. (Fruitless Olive), *Agave attenuata* (Fox Tail Agave)



Central Campus Trolley Station



Built adjacent to the Open Space Preserve — Ecological Reserve, this landscape design includes an entirely California native plant palette to help integrate the building into the rustic canyon edge.

Selected Species: *Pinus torreyana* (Torrey Pine),
Achillea millefolium (California Yarrow)



Franklin Antonio Hall



These courtyards are important passive open space that create informal and formal pathways and gathering and pre-function space for Tata Hall and adjacent buildings. The plantings provide a unique identify to this landscape, allowing for both large and small group gatherings.

Selected Species: *Rhus lancea* (African Sumac), *Pinus Torreyana* (Torrey Pine), *Baccharis pilularis* “Pigeon Point” (Coyote Brush)



Tata Hall for Biological Sciences

Integrating stormwater design as a visual component of this passive public entry at the southern end of west campus, the landscape serves to welcome bicycle and pedestrian visitors to the campus. The dry creek also brings the adjacent eucalyptus groves and site-specific public art as the terminus to Ridge Walk.

Selected Species: *Baccharis pilularis* “Pigeon Point” (Dwarf Coyote Brush), *Acacia redolens* ‘Low Boy’ (Prostrate Acacia), *Muhlenbergia rigens* (Deer Grass)



Theatre District Stormwater



Utilizing a native and drought-tolerant plant palette, this landscape incorporates coastal plant communities to integrate with the public Coast Walk along its edges. It also provides a roof-deck garden to highlight this coastal vantage point overlooking the Pacific Ocean.

Selected Species: *Pinus torreyana* (Torrey Pine), *Agave attenuata* (Fox Tail Agave), *Aloe striata* (Coral Aloe), *Sphaeralcea* sp. (California Mallow)



Marine Conservation and Technology Facility (MCTF)





Marine Conservation and Technology Facility (MCTF)

A busy one-mile-long circulation element moving north and south through the west campus, Ridge Walk serves pedestrians and cyclists. The landscape design provides a recognizable, urban design feature aiding wayfinding and creating a sense of place. In addition, the project incorporates stormwater control features.

Selected Species: *Ulmus parvifolia* “Drake”
(Drake Elm), *Pinus torreyana* (Torrey Pine),
Quercus agrifolia (Live Oak)



Ridge Walk Public Realm



Serving several important functions, this landscape welcomes thousands of visitors a day as the trolley crosses into the campus. Plantings provide slope stabilization and help to filter water as it moves into the integrated stormwater drainage systems at the edge of campus.

Selected Species: *Heteromeles arbutifolia* (Toyon), *Pinus Torreyana* (Torrey Pine), *Quercus agrifolia* (Live Oak), *Muhlenbergia rigens* (Deer Grass)



La Jolla Village Drive Slope Restoration



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