



Type of Project: Classroom Building

Completion Date: September 11, 2018

Commissioned: Yes

Project Location: Long Beach, California

This new 34,000 SF classroom building plants a flag for a prominent university's growing program for international students and creates an identity for the site, which is located at the intersection of a busy campus entry point and two major campus pedestrian thoroughfares. The new building features 20 classrooms, conferencing space, and a variety of open-air communal spaces.



The design of the building pays homage to the existing mid-century modern architecture ubiquitous throughout the University campus, reinforcing the architectural identity of the campus while maintaining a sense of unique expression. Two rectilinear wings are linked to form a sharp right angle. Rising three stories in height, upper volumes of cream stucco rest upon a base of rich red brick. The clean lines and contrasting materiality of the L-shaped building create a striking gateway to the campus, both literally—campus-goers arriving from the street pass through a breezeway carved out of the base of the blue- and green-windowed building—and metaphorically, as a hub for international students to learn, collaborate, and integrate into the broader campus community. The breezeway opens onto a new landscaped, furnished plaza. Embraced by the two wings of the building, it features ample seating for lunchtime hangouts and study sessions alike.



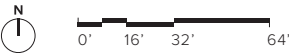
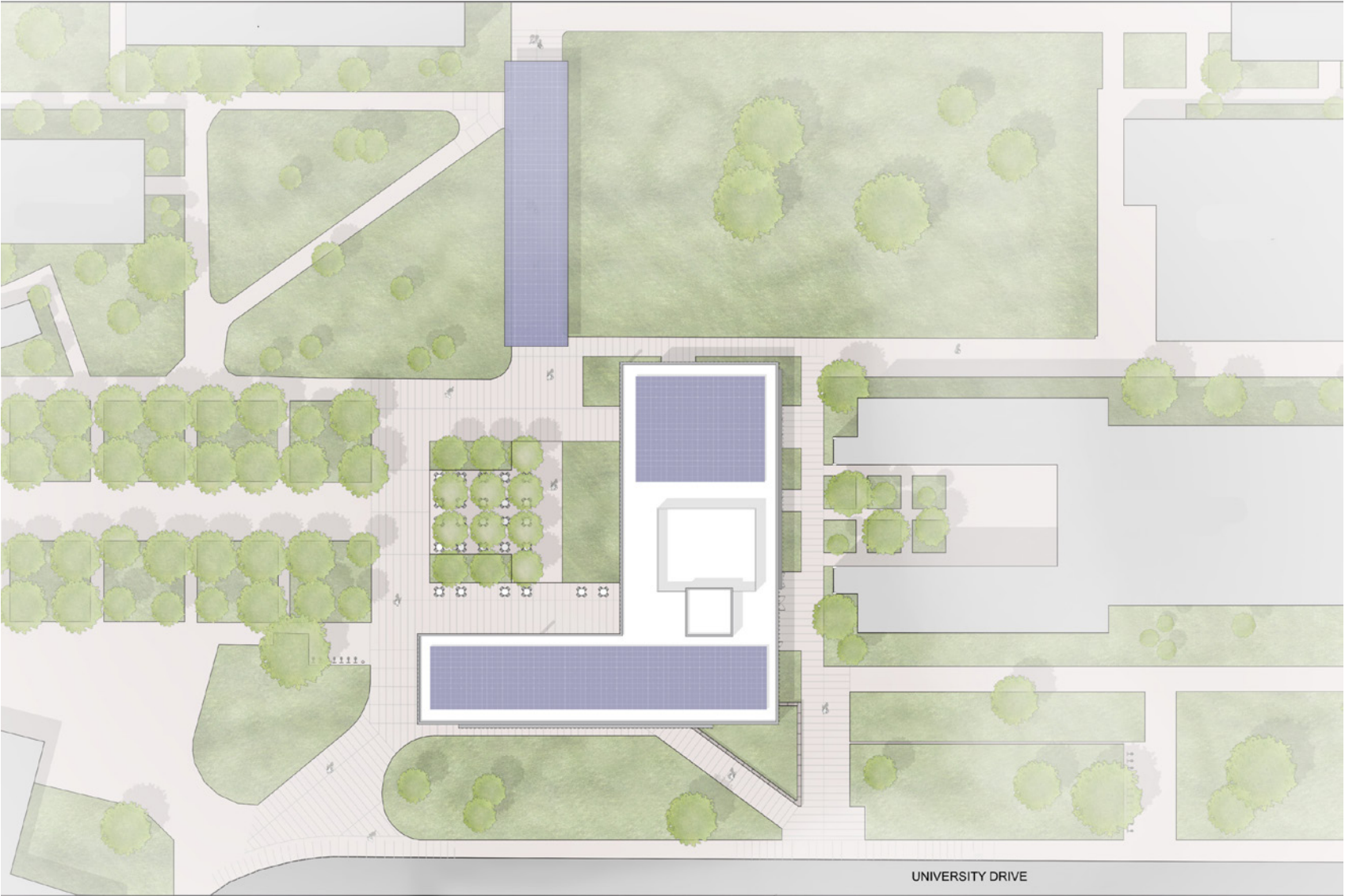
The campus-facing elevations are characterized by an array of horizontal tubes, creating a screen that functions as a sunshade, mitigating solar glare and minimizing heat gain. Meeting both aesthetic and sustainability goals, the tube spacing is varied, opening axial views where desired and providing denser areas of shade where needed. The building's appearance evolves as the sun goes down, when the visual dominance of the tubes dissipates and the screen is silhouetted against the glow of the brightly colored classroom windows beyond. Interior spaces are enlivened by the blue and green colored glass panels, creating a playful yet calming aesthetic. Lounge areas and "genius" bars are located in the open-air corridors just outside the classrooms on each level, taking advantage of the mild Southern California climate and minimizing indoor space.

Targeting LEED Platinum® and the first net-zero energy ready building on the campus, it sets new standards of sustainability for future development. Rooftop photovoltaic arrays generate solar power to off-set energy usage. In addition, building orientation was carefully considered to maximize natural

lighting and ventilation. As a result, 95% of spaces are daylit, while ceiling fans and operable windows on both sides of each classroom provide a constant flow of fresh air, creating a healthy, comfortable, and productive learning environment that simultaneously minimizes the campus carbon footprint.

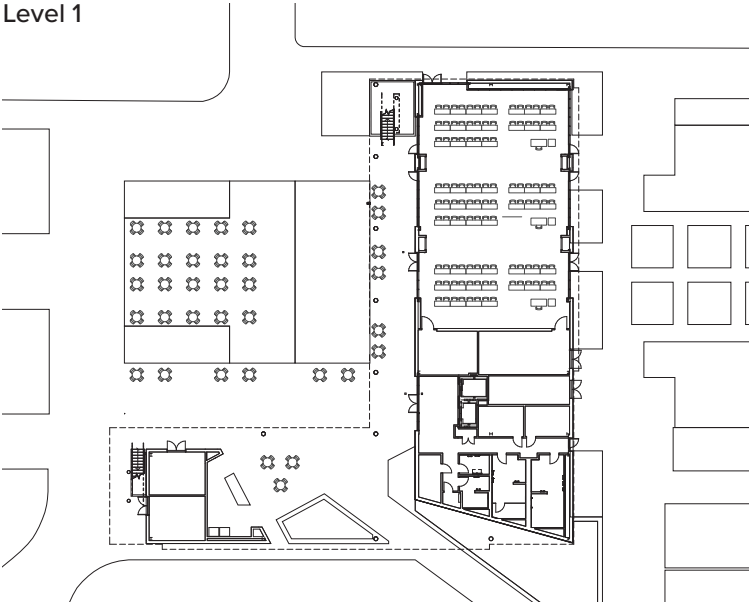
A custom graphic installation was developed for the lobby, inspired by the deep-rooted skateboard culture on the campus. The three-dimensional sculpture consists of 44 skateboards emerging from the wall in two intermingled rows. Both sides of each skateboard are printed with an abstract interpretation of the many nations represented within the international student body. The entrance view is a composition based on the colors and graphic elements of national flags—a combination of stripes, arrows, circles, and stars. The exit view presents the color spectrum established by the flags blended into a smooth color gradient.

SITE PLAN

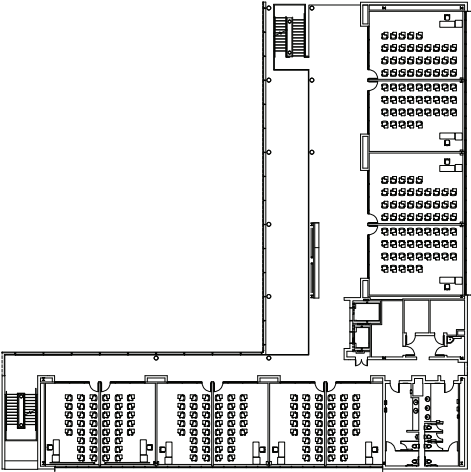


FLOOR PLANS

Level 1

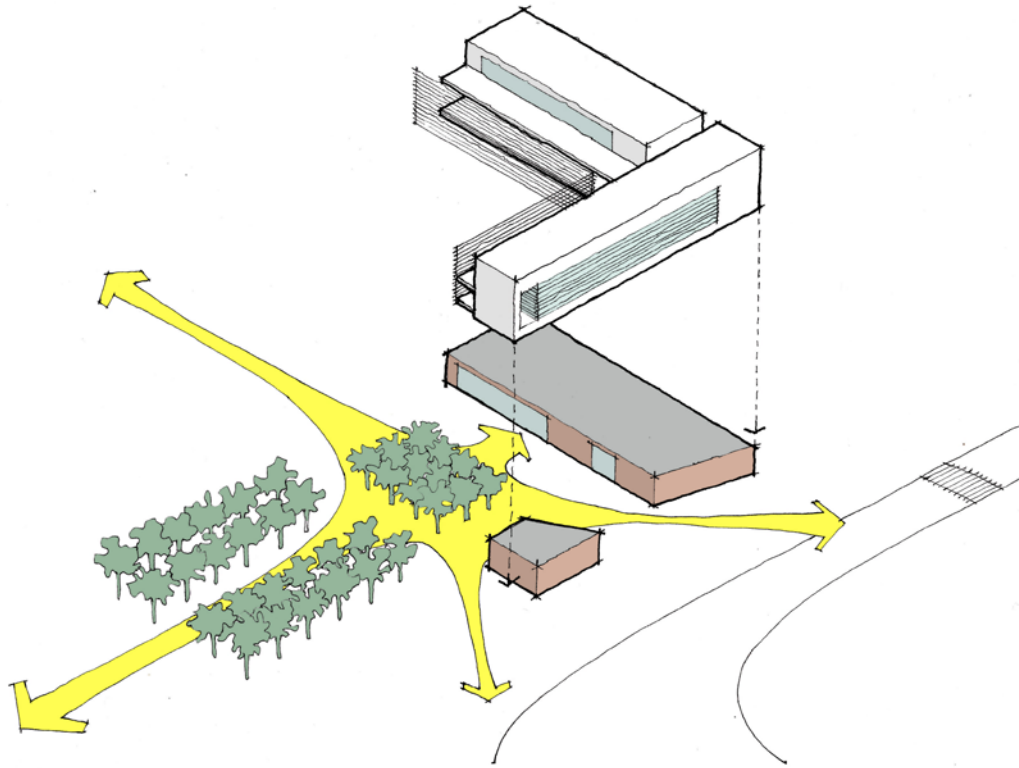


Levels 2-3



Elevations are depicted in photography included on the following pages.

EXPLODED AXONOMETRIC DIAGRAM WITH CAMPUS CIRCULATION ROUTES



SUSTAINABILITY DIAGRAM

