



Interdisciplinary Sciences Building University of California, Santa Cruz

Civil Engineering



Mesiti-Miller Engineering provided civil engineering services for this new four story science and laboratory building to be constructed adjoining an existing building. MME was responsible for the civil and structural design of all site improvements including ADA pathways, roadway intersections and modifications, retaining walls and storm water detention ponds with advanced storm water treatment and discharge.

The sloping site made design of ADA compliant routes and parking a challenge. Because the site is adjacent to natural redwood forested areas, an advanced storm water detention system was designed so runoff from the developed site remains at the virgin forest runoff rate. The small site area, existing utilities, budget constraints and protected redwoods necessitated creative refinement of our design. Our thoughtful solutions to the various design challenges were quickly accepted by the primary users and the campus facilities group.



Client Reference:

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Budget: \$16.5 million