

UNIVERSITY OF CALIFORNIA RIVERSIDE LIBRARY SPACE



CHALLENGE

The University of California Riverside (UCR) sought to create a more collaborative workspace by relocating and storing books in their basement, within the same footprint as the existing static shelving. Design considerations included accommodating columns, ensuring accessibility for an open browsing environment, and adhering to code compliance, fire safety regulations, and ADA accessibility requirements.



SOLUTION



McMurray Stern worked with the UCR team to design a Spacesaver system, reusing around 50% of the existing cantilever shelving from the library. The system operates electronically, allowing users to create desired aisles with the push of a button. It features safety measures, such as the Spacesaver 04 system that ensures user safety in open aisles. The system has a capacity of 253,000 linear inches of shelf space and complies with safety standards for university open browsing areas.

The system was adjusted to clear sprinklers in one area, with custom-designed carriage links to match the existing static shelving layout. Its electrical operation simplifies use and enhances safety, as staff can easily move multiple carriages without concern for injury or damage.

The layout received approval and permits from the UCR construction and architectural department, significantly increasing storage capacity while freeing up space for collaborative learning and study areas.