



Workspace Furniture Fire Recovery Plan Soquel, California

Civil Engineering



Client Reference:

Brian Dueck
EKB Partners, LLC
2701 41st Ave.
Soquel, CA 95076
(831) 462 2334

Budget: \$3 million

After a three-alarm fire destroyed a 10,000 SF furniture warehouse and showroom, owners retained Mesiti-Miller Engineering to prepare civil engineering plans for the recovery project necessary to gain approval by the Santa Cruz County Planning and Building Departments.

MME was responsible for the grading, drainage, utility, erosion control, site retaining wall plans, details and specifications.

Safe, inviting and accessible pedestrian access was a key design goal to improve access to the store from 41st Avenue and from on-site parking areas. The overall slope of the lot presented grading and drainage challenges overcome by stepping the new building foundation and then shaping the sidewalk, driveways and parking areas to fit the site.

To provide level space for an outdoor café, we designed simple concrete retaining walls.

Our drainage design dramatically improved the winter-time function around the rear building by providing surface swales, subsurface pipes and a new water quality treatment structure to reduce pollution.

