

GABBART AND WOODS STUDIO

Profile

GABBART AND WOODS STUDIO is a structural engineering exchange and workplace of broad experience and diverse ideas. The studio was founded in 1995 and since that time our members' production companies have been providing structural engineering consulting services to Northern Nevada, Truckee and the Tahoe Basin, Mammoth Lakes and the Eastern Sierra, the Sierra Foothills of California, the San Francisco Bay Area, Greater Los Angeles, and beyond. Our teams work from two networked locations in Reno, NV and Truckee, CA. The group consists of five structural engineers, three civil engineers, and two design associates.

Our practices are noted by their broad scope as well as their collaborative spirit. Our collective experience ranges from highly detailed low-rise architecture to twenty story buildings and bridges, and it encompasses sports arenas, schools, churches, civic art installations, multi-family and mixed-use developments, hospitals, post-tensioned podium structures, commercial offices, resort lodges, large industrial complexes, and notable residences. We draw upon the nature and applications of steel, concrete, timber, masonry, glass and aluminum, as well as cross-laminated timber and other innovative materials and composites.

Seismic analysis, design, and performance are central to our practices. Our team members have worked in post-graduate research and have authored original publications in the fields of earthquake dynamics and state of the art seismic response, at the University of California Davis, the University of Colorado Boulder, Cal Poly San Luis Obispo, the Institute for Advanced Study (IUSS) ROSE School in Pavia, Italy, and the Applied Technology Council in Redwood City. Our team design experience for constructed projects includes non-linear time history analysis and performance-based design, and it spans a number of building types, including ductile concrete moment frames, special steel moment frames, buckling restrained braces, vertical post-tensioned concrete shearwalls, and mode shaping / tuned mass dampening systems.

Regardless of the scope and specifics, we strive to help bring architectural visions to reality with efficiency, economy, simplicity, and sensitivity.

