

KASL Consulting Engineers provides complete site and civil engineering design and surveying services for private commercial projects of various types and sizes. Typical services include:

- balancing earthwork and preparation of grading plans
- design of retaining walls
- design of utilities and drainage systems
- design of frontage improvements including curbs, gutters, sidewalks, driveways and street improvements
- design of ADA compliant paths of travel
- topographic, boundary and ALTA land surveys and construction staking
- NPDES permits
- sustainability features including on site-storm water management, bio-swales, permeable pavement and mechanical filters

Selected project examples follow:

Hotels and Lodging

- Embassy Suites Hotel, Sacramento, CA
 240-unit hotel on Riverfront Promenade
- Days Inn, Sacramento and Santa Rosa, CA

Office Buildings

- California Center, Sacramento, CA
 52-acre master planned business park with Class A office buildings
- The Landmark Business and Financial Center, Sacramento, CA
- Nevada Street Commercial Complex, Auburn, CA

Retail Centers

- Folsom Premium Outlets, Folsom, CA
- Greenfaire Village, Citrus Heights, CA
- Grass Valley Shopping Center, Grass Valley, CA



GENERAL DESCRIPTION OF PRIVATE RESIDENTIAL DEVELOPMENT SERVICES

KASL Consulting Engineers provides master planning services, prepares tentative maps and final maps, and performs land surveying and civil engineering design services for site improvements including:

- new roadways, curbs, gutters & sidewalks
- balancing earthwork and preparation of grading plans
- storm drainage systems
- underground utility systems
- other site amenities such as parks, trails and common use areas
- 3D visualization and hydraulic modeling services

Selected private residential project examples are listed below:

- **WHEELER RANCH SUBDIVISION, YUBA COUNTY, CA**
 - 1,142 single family residential units on 400 acres - roadway design included traffic calming features such as roundabouts
- **WILDFLOWER SUBDIVISION, IONE, CA**
 - 276 single family residential units on 85 acres – services included design of a 2.0 MG water storage tank and booster pump station
- **WALKER RANCH, PLUMAS COUNTY, CA**
 - 1,500 acre master planned residential community on the shores of Lake Almanor – services included the design of new water system supply facilities and wastewater reclamation system

