



CIVIL ENGINEERING

JKAE

architecture + interiors + engineering



Imagine. Design. Build.

inclusive environments that enrich the human experience



JKAE is the **only firm** in **Northern Nevada** offering a **comprehensive suite** of Architecture, Civil Engineering, Structural Engineering, Surveying, & Interior Design services.

Office Locations



Integrated Services

Civil Engineering

- Land/Facilities Planning & Design
- Utility Infrastructure & Design
- Permitting & Agency Processing
- Hydraulic Analysis
- Erosion Control & Water Quality BMPs
- Stormwater Management & Drainage Design
- Cost Analysis
- Construction Administration

Structural Engineering

- Structural Design
- Feasibility Studies
- Seismic
- Remodels & Additions
- Green Buildings

Surveying

- Boundary Analysis & Resolution
- American Land Title Surveys (ALTA)
- FEMA Flood Evaluations Certificates
- Easement Creation & Relinquishment
- Site Analysis
- Mapping, Right-of-Way Dedication Mapping
- Field Survey
- Survey Technologies: Robotic Total Stations, Global Navigational Satellite System, 3D Scanning, Drones

Architecture

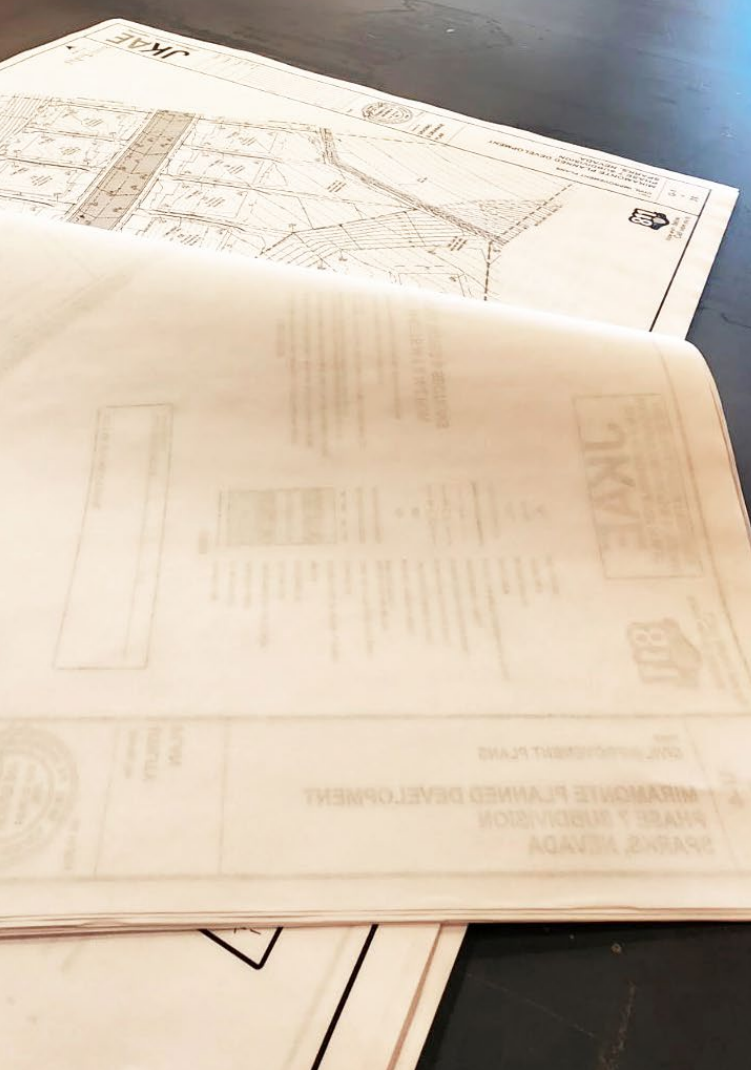
- Comprehensive Design
- Master Plan Implementation
- 21st Century Design
- Bidding Assistance
- Budget Development & Cost Estimating
- Construction Administration
- Scheduling
- Site Analysis & Selection
- Sustainable Design
- Value Planning & Engineering

Interiors

- Branded Design
- Furniture, Fixtures & Equipment (FFE)
- Interior Architecture
- Interior Design Concepts & Renderings
- Interior Finishes Selection
- Space Planning
- Tenant Improvements
- "Test Fit" Space Layouts

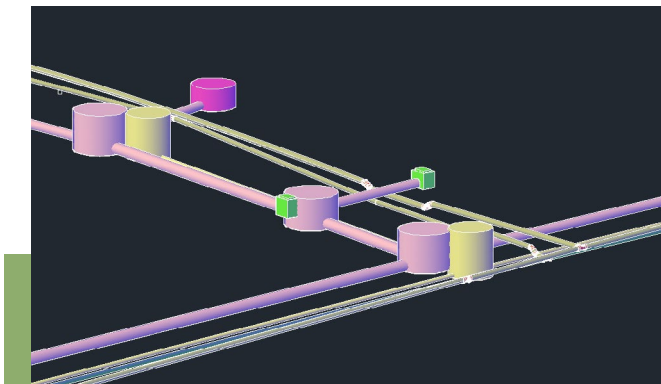
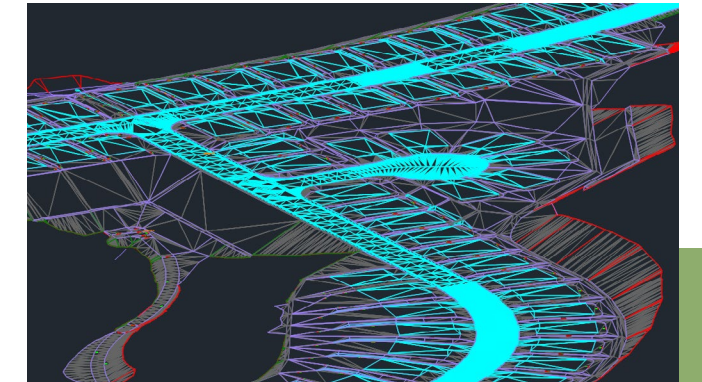
Planning

- Community Outreach
- Design Guidelines
- Design Workshops
- Facilities Existing Conditions/Needs Assessments
- Facilities Master Plans
- Project Prioritization



JKAE utilizes the latest AutoCAD software (pictured below) to ensure completeness and accuracy of project design. Pictured here is a final plan product providing both the client and contractor the necessary information for successful project completion.

Civil3D allows our team to design projects in three dimensions. This ensures that grading and drainage design is accurately modeled, and conveyed to the client and contractor for proper construction.



The use of pipe networks with the Civil3D program gives JKAE engineers the ability to model all utility design in three dimensions. This ensures proper pipe clearances at utility crossings, as well as significantly enhances the thoroughness of project design.



Cal Neva Resort



Lompa Ranch Multifamily Housing Project



UNR Hixson Softball Park



Harris Ranch



Hunter Creek Residence

About JKAE

JKAE is a premier, full service A/E firm specializing in architecture, interiors and engineering: civil, structural and survey. This deep range of services offers a broader understanding of needs and solutions for each project we manage. We bring a team of highly qualified engineers and support staff who are dedicated to offering quality engineering services and an end product our clients appreciate and value.

JKAE has over 40 years in business.

Get in Touch

Ken Anderson, PE
ken@jkaedesign.com | 775.507.7008

Carla Sammis, PE
carla@jkaedesign.com | 530.489.8016

Jared Wittler, PE
jared@jkaedesign.com | 775.530.2313

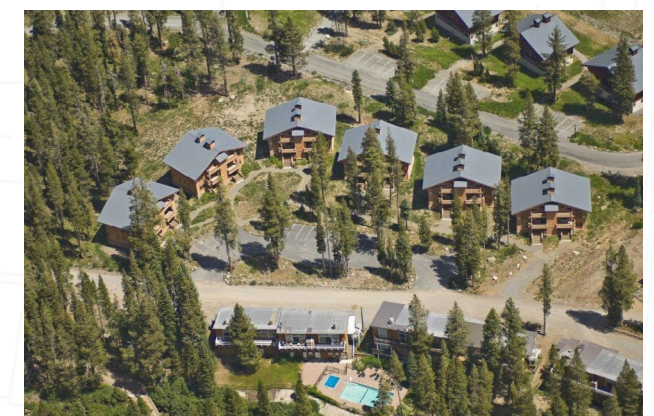
Reno | Truckee-Tahoe | Auburn | San Jose
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Miramonte Site Plan



Truckee Community Recreation Center



Sugar Bowl Chalet Townhomes

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RENO

777 South Center Street, Suite 104
Reno, NV 89501
T. (775) 507-7009

AUBURN

11661 Blocker Drive, Suite 220
Auburn, CA 95603
T. (530) 888-0998

TRUCKEE-TAHOE

12242 Business Park Drive, Suite 19
Truckee, CA 96161
T. (530) 583-9222

SAN JOSE

300 Orchard City Drive, Suite 140
Campbell, CA 95008
T. (408) 708-9111

jkaedesign.com