

Resume:

Fred R. Weaver

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Experience

I have experience as a civil designer, drafter, drafting manager and survey cad tech using AutoCAD Land Desktop. I have also written many custom civil/survey applications for AutoCAD. I passed my LSIT (Land Surveyor in Training) exam in 2006.

Mid Valley Engineering, 126 E. Dyer, Santa Ana, CA (11/2009 – 11/04/2010)

Survey CAD Tech, responsible for construction staking calculations. This position takes advantage of my surveying and civil design experience. I cross check the civil plans against the architectural and structural drawing to make sure all three are using the same measurements. I calculate and provide the survey party chiefs with the information they need to establish horizontal and vertical control. I then furnish them with plots and point files for staking; rough grade, overexcavation limits, building grids, utilities, curb and gutter, storm drains and any other items specified in the performance contract.

Projects include:

- 7 new LA Unified School District schools
- New High School, Rancho Mirage
- Big Bear Landfill Closure
- Ave 62 Sewer, Coachella
- LAX, new concourse
- National Cemetery, Bakersfield
- Land Lab Observatory, UC San Bernardino
- Westside Parkway (highway), Bakersfield
- New sports complex, Bakersfield
- Home Depot, Ontario
- Target, Simi Valley

Nolte Associates, Palm Desert, CA (2/2007 – 8/2009)

Senior Civil Designer and CAD Coordinator, responsible for:

- Water/Sewer/Street/Precise Grading design for residential and commercial projects
- Prepare and submit Tract and Parcel Maps
- Write legal descriptions for easements
- Fire Flow Calculations (WaterCAD)
- AutoCAD go-to guy

Regency Homes, Rancho Mirage, CA (3/2004-2/2007)

Survey Director/Civil Designer responsible for:

- Prepare and submit Parcel Maps and Tract Maps

- Water/Sewer/Street/Precise Grading design for residential and commercial projects
- Write Legal Descriptions
- Boundary research and resolution
- Calculate construction staking and assign work to field crews.
- Custom AutoCAD programming
- Topographic maps from field survey

Independent AutoCAD Services (1999-2004)

I provided contract services for CAD drafting, data conversion, and report graphics converting clients field notes and sketches into detailed topographic maps and plans. I have prepared client's site layout, structure as-built or raw field data for presentation and converted hand sketches into presentation quality drawings. I have also provided custom AutoCAD programming and menu customization.

M. Clarke Engineering, Chico, CA (2003-2004)

Contracted to draft improvement plans, tentative map and 24-lot subdivision design drawings. Contact: Matt Clarke 530-893-3444

Lampe Engineering, Chico, CA (2001-2004)

Contracted to draft several large boat launch facilities with parking lots, stream cross-section records and small park structure details. Contact: Don Lampe 530-345-7402

Cinquini & Passarino, Inc., Santa Rosa, CA (1999-2004)

Contracted to draft survey drawings. Most of the CAD work (95%) done for CPI has been creating topographic maps from field survey data. The rest of the work was ALTA drawings, record of survey sheets and final maps. I also wrote many custom programs for CPI, including one that translated their numeric point codes (field data) into complex descriptions of features and automatically inserted symbols (to scale). Contact: George Cinquini 707-542-6268

Kincheloe Engineering, Santa Rosa, Ca (2002)

Contracted to draft subdivision plans: plan/profile, utilities, grading.

John Moe Engineer, Santa Rosa, CA (2001)

Contracted to draft City of Larkspur, CA road paving and channelization plans.

Prunuske Chatham Inc, Occidental, CA (1998-1999)

Employed as CAD/Graphics Technician to produce all CAD maps, construction drawings and report graphics. This also included field work doing topographic surveys, followed by reducing the field notes and creating the project maps. Many of the maps and plans created included scanned, hand drawn renderings, aerial and digital photos and were used for permit submittals to the Army Corp of Engineers and the Department of Fish and Game.

Certificates

- Land Surveyor in Training Certificate (LSIT)
- ESRI Certificates: Turning Data into Information Using ArcGIS 9, Understanding GIS Queries, Using ArcCatalog: Tips and Tricks

- Element-K: Excel Level 1, 2 & 3
- Web Database Developer Certificate from College of the Desert
- Currently enrolled at College of the Desert taking online courses in Computer Information Systems.

Other Software

- Autodesk Land Desktop 2009
- MS Office - Word, Excel, Outlook, Access
- Photoshop
- ArcGIS (intro college course and self-paced training)
- WaterCAD
- PHP, MySQL, HTML, CSS, Javascript
- Google Map API
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