

Rick Dortch

Summary of Qualifications

Proficient at designing water efficient irrigation systems with an emphasis on conservation and sustainability. Irrigation designs are clear, concise, and can be built per the design intent. Designs consider construction and maintenance budgets, methods, and likely personnel performing these tasks. Continual research and self-education of available irrigation products to provide clients with appropriate project-specific solutions. Systematic approach to irrigation system analysis and master planning cost effective solutions for improvement. Ability to train end users on the technical aspects and operational intent of a design and the associated equipment. Communicate with associates in a professional manner at all times.

Professional Experience

2007 - Present *Velocity Irrigation* *Wildomar, CA*

Principal / Owner

- Design of irrigation construction documents, irrigation master plans, irrigation system analysis, irrigation audits, and irrigation troubleshooting. Sales and marketing of company services. Site analysis and construction observation. Various consulting services such as conflict resolution, creation of agency standard details and specifications, controller programming, and central control selection. Develop CAD standards and methodologies.

2007 - 2008 *Mira Costa College,* *Oceanside, CA*

Assistant Instructor – Landscape Irrigation Class

- Instructional assistant in Landscape Irrigation class. Worked with approximately 30 students on topics such as basic hydraulics, soils, ET, design, installation, maintenance, and troubleshooting.

2000 - 2007 *The Toro Company* *Riverside, CA*

Specification Sales Manager

- Specifications sales support for Toro and Irritrol products in Southern California and Hawaii. Worked with landscape architects, irrigation consultants, and public agencies like cities, counties, school districts, etc. Other responsibilities included national product training, product development input, trade show representation, professional membership representation, operation manager of Toro Design School, and teaching at local community colleges.

1990 - 2000 *Community Works Design* *Riverside, CA*

Irrigation Designer / Project Manager

- Primary responsibility the design of all irrigation systems for in-house landscape architectural projects. Other tasks successfully

completed were project management, plan checking, field inspections, computer system management, specification development, customer meetings, and project interviews.

1989 - 1990 *Water Management Group* *Riverside, CA*

Irrigation Designer

- Irrigation designer for landscape architect clients. Also coordinated workflow with clients, performed irrigation audits, and ensured compliance to public agency design requirements.

1988 - 1989 *TRW Landscape Architecture* *Riverside, CA*

Irrigation Designer / Landscape Drafting

- Irrigation design and drafting of landscape architectural projects, and drafting of landscape planting plans, construction plans, electrical plans, and grading plans. Also did site measurements, base sheet creation, and site inspections during construction phase.

1986 - 1988 *Self-Employed* *Riverside, CA*

Irrigation Services Business

- Design and installation of irrigation systems for custom residential projects. Performed irrigation reviews and general system analysis. Trouble shooting and repair of irrigation system related issues for both residential and commercial projects.

1983 - 1986 *Terrace Landscape* *Riverside, CA*

Irrigation Design / Irrigation Foreman

- Irrigation system design of design–build landscape projects. Installation of irrigation systems designed by self and designed by others. Irrigation system maintenance, trouble shooting, repair, and inspection. Irrigation lead manager for irrigation system installation crew. Worked in other positions from general labor to landscape maintenance.

Education

1981 - 1984 *UC Riverside* *Riverside, CA*
Bachelor of Science

1980 - 1981 *Valley College* *San Bernardino, CA*
General Studies