

## RESUME of ROBERT W. McHENRY

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### AREAS OF EXPERIENCE

#### CADD MANAGEMENT

Responsible for all facets of AutoCAD implementation, including office CADD standards, organization, and documentation; plotter setup and configuration; plot and page setup; creation of master blocks, templates, fields, and sheet sets; extensive menu and macro customization; preparation and manipulation of project files received from architects and engineers; standardized installation through network deployment; and in-house training.

#### IRRIGATION DESIGN

Experienced in all facets of irrigation design, including calculating and master planning potable and recycled water and electrical utility services and pumping systems for small and large scale projects; estimating and calculating irrigation system pressure requirements; estimating and calculating landscape water use requirements to comply with state and local water conservation ordinances; irrigation design including spray, low-volume, and drip systems; calculating operating time schedules; and preparing irrigation system construction details.

#### PROJECT MANAGEMENT

Experienced in estimating and preparing fee proposals, preparing and managing contracts, coordinating sub-consultants, managing personnel, estimating and scheduling staff requirements, adhering to project budgets, reviewing construction documents before issuance, invoicing and collections, and acting as liaison between clients and contractors. Have a good working knowledge of fee proposal, contract, and invoicing forms and procedures involved in Federal government work.

#### LANDSCAPE ARCHITECTURE

Experienced in a broad range of projects, clients, and design solutions through working for both design/build and design firms. Particular areas of skill include grading design; preparing construction plans, details, and specifications; and quantity and cost estimating. Have a good working knowledge of *Standard Specifications for Public Works Construction* (the "Green Book") for municipal projects and of *NAVAC Guide Specs* for Federal government work.

#### LANDSCAPE CONSTRUCTION

Ten years of experience designing and building landscape projects. Skills developed in this area include client "cold" calls and sales; presenting to design review boards and town councils; bidding based on cost and manpower estimating; ordering materials; scheduling, supervising, and coordinating construction; marketing and assisting in managing a small business. Six months experience doing daily inspections of construction of improvements for two municipal parks, with a construction value in excess of \$700,000.

#### OTHER SKILLS

Extensive hands-on experience with personal computer hardware and software setup, configuration, and trouble-shooting; and with Excel worksheet/workbook customization.

## **WORK EXPERIENCE**

- July 2015 – present      **WATER RIGHT DESIGN**      **IRVINE, CA**  
Founder and owner of Water Right Design, an irrigation design and consulting firm specializing in commercial, large-scale residential, and recreation facility projects. Working primarily for landscape architecture firms, Water Right Design also provides infrastructure planning and water ordinance compliance services, such as landscape water use calculations and irrigation scheduling using custom proprietary software developed in-house. Additionally, we provide digital design consultation, CAD management, and AutoCAD® customization services related to landscape and irrigation design.
- May 1991 – June 2015      **ROBERT MITCHELL & ASSOCIATES**      **LAKE FOREST, CA**  
Director of Irrigation Design and Director of Computer-Aided Drafting & Design. Lead irrigation designer for Three Oaks in Walnut California, which included master planning a 1200 gpm recycled water distribution system with seven booster pump stations, and irrigation construction documents for city open space areas which utilized thirteen points of connection and twenty controllers tied into the city's central irrigation control system.
- April 1990 – March 1991      **THE SWA GROUP**      **LAGUNA BEACH, CA**  
Project Manager, Construction Coordinator, and Landscape Architect. Project Manager for the Heritage Club, a golf resort community in Palm Springs comprised of six hundred homes and two golf courses.
- August 1987 - April 1990      **THE PEKAREK GROUP**      **SAN DIEGO, CA**  
Project Manager, Landscape Architect, and Irrigation Designer. Significant projects include Big Rock Park and Woodglen Vista Park, Naval Air Station North Island Main Gate Entry Improvements, and La Jolla Village Tennis Club Landscape Master Plan.
- May 1984 - August 1987      **ALPINE LANDSCAPE CONSULTANTS**      **COPPER MOUNTAIN, CO**  
Self-employed Landscape Architect and Irrigation Designer. Projects include Wal-Mart shopping center and McDonald's restaurant in Steamboat Springs, and city of Silverthorne Plant Materials Research Center master plan.
- June 1979 - August 1987      **MATTHEWS & ASSOCIATES LANDSCAPE ARCHITECTURE AND CONSTRUCTION**      **VAIL, CO**  
Landscape Architect, Irrigation Designer, and Construction Manager. Projects include President Ford residence, Firestone residence, Vail and Beaver Creek ski area base lodges, Copper Mountain Ski Resort landscape program, Club Med Resort, Vail Hospital, Vail Athletic Club, Pilgrim Downs Mountain Estate Ranch Development, and Breakaway West Condominiums.
- June 1977 - April 1979      **COPPER MOUNTAIN RESORT**      **COPPER MOUNTAIN, CO**  
Landscape Architect. Projects include Copper Mountain Resort base lodge, chapel, and other ski area facilities.

## **LICENSES & CERTIFICATIONS**

- 1993      Irrigation Association Certified Landscape Irrigation Auditor (CLIA).  
1989 – present      State of California Licensed Landscape Architect #3032.  
1985 - 1991      State of Colorado Licensed Real Estate Salesman #5-92749.  
1983 - 1999      State of Kansas Licensed Landscape Architect #357.

## **AWARDS**

- 1986      **EAGLE VALLEY HOME BUILDERS ASSOCIATION**  
**BUILDING EXCELLENCE AND ACHIEVEMENT OF MERIT AWARD**  
Breakaway West Condominiums; project submitted by Matthews & Associates.
- 1985      **EAGLE VALLEY HOME BUILDERS ASSOCIATION**  
**BUILDING EXCELLENCE AND ACHIEVEMENT OF MERIT AWARD**  
President Gerald R. Ford residence; project submitted by Matthews & Associates.

**COMMUNITY SERVICE AWARDS**

2014 BICYCLE CLUB OF IRVINE  
SPIRIT AWARD  
For Outstanding Contribution to the Cycling Community.

1994 WOODBRIDGE VILLAGE ASSOCIATION  
MEMBER OF THE YEAR AWARD  
Parkside Maintenance Association.

**EDUCATION**

2001 CVIS (Central Visual Information Systems, Inc.) FRESNO, CA  
CAD Manager Boot Camp

1992 MTI COLLEGE

AutoCAD Fundamentals

1976 UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN, IL

Bachelor of Landscape Architecture, Magna Cum Laude.

September 2016