



## DESERT MOUNTAIN, ARIZONA

# Development

### WILCOX ROLE

The Wilcox team in the Southwest played a major role on the design development group. Desert Mountain is an approximately 8,000-acre planned community with 3,000 +/- residential and resort units, five 18-hole golf courses, golf and recreational club houses, golf maintenance facilities, restaurants, commercial development, open space and hillside conservation areas.

### PROJECT DESCRIPTION

#### Utility Infrastructure

During this project our team designed approximately 2.5 miles of sewerage collection systems. These systems included both gravity and force mains with lift stations. Topographic and construction surveys and design were also provided for approximately one mile of collector roadway.

#### Temporary Club House

The club house involved all civil engineering design associated with construction of 1,300 feet of local hillside roadway and a 1,100 feet long/40 feet wide travel way necessary to accommodate relocation of an existing guest house, grading plans for club house location and a 120-car parking area with attendant golf cart storage. Improvement plans for utilities, water and sewer needed to serve the site were also included. Coordination with Owner's representative and City of Scottsdale staff (including involvement in DR) and other design professionals was accomplished throughout the project term.

#### Chochise/Geronimo Golf Club

The golf club involved the design of grading, paving and utility infrastructure for the permanent club house that services Chochise and

Geronimo Golf Courses. This 48,000 +/- square foot facility is the focal point for golf and social activities. Surveys associated with the design and construction of site grading utilities and paving were also provided.

#### Golf Course #6

Our team was retained by Desert Mountain Properties to prepare grading and drainage plans for a new Nicklaus-designed golf course. The firm was also responsible for civil designs associated with the Clubhouse and Maintenance facility and prepared drainage and utility analyses.

#### Site Development

The Wilcox team in the Southwest has been involved in plat preparation of preliminary and final documents for the residential development since 1986. Preliminary design documents prepared by the firm included slope analysis, NAOS calculations, vegetation analysis and conceptual grading plans required for Development Review Submittal. Final design documents have included Final Plat, grading, paving, water and sewer plans. The team completed 18 subdivision at Desert Mountain.

