

Mary Nicole Ledford, P.E.

Education

California State University, Chico
BS Civil Engineering, 2000

Registration

CA 65939

Professional Affiliations

American Society of Civil
Engineers

Skill Summary

Auto CAD – Land Development
Auto Turn – Vehicle Maneuvering
Hydraflow-Hydrographs


Ms. Ledford is an associate engineer for NorthStar Engineering. She has 9 years experience in entitlement, subdivision engineering, site engineering, municipal projects, design and construction. Nicole has experience working for Cal Tans and the City of Chico.

Subdivision Design Experience

- Paradise Community Village Subdivision, Paradise Youth Sports and Family Center (PYSFC) Corporation, Paradise Youth and Family Corp., Paradise: Currently providing engineering and entitlement services for the 39 lot educational, community, and residential development. The project consists of entitlement applications, preliminary storm drain and grading analysis.
- Mountain Terrace Subdivision, Paradise Land Project, Paradise: Entitlement from initial project design through tentative subdivision map processing. Roadway design, lot grading, and storm drain design. The project consists of 60 single family lots, new road construction client and Town staff coordination.
- Sonntag Subdivision, Dr. and Mrs. Sonntag, Paradise: Entitlement from initial project design through tentative subdivision map processing. The 7 lot residential project included a DRC application, Town of Paradise General Plan Modification, Tentative Subdivision Map, Drainage Analysis, Rezone, and Annexation to the Town of Paradise and to Paradise irrigation District.
- River Glen Subdivision, Chico, CA: Entitlement from initial project design through final map approval. As the assistant engineer for the 25 lot single-family home subdivision located in Chico created plans and engineered drainage analysis for the facility. An infill development project the site had concerns regarding existing building site surrounding the project as well as an impacted existing drainage system.

Site Design Experience

- Terry Ashe Recreation Center Improvements, Paradise Recreation and Parks District, Paradise: Preparation of plans, specifications, and engineer's cost estimate. The project consists of drainage, handicap accessibility and grading improvements, and coordination with the building architects, the parks district and Town staff.
- Pine Haven Apartments, Jim Harding, Paradise: Entitlement actions from initial project design and PDR through the Administrative Permit application process. This project consists of six apartment complexes and parking facilities.
- Paradise High School Track Reconstruction, Paradise, CA: Assistant engineer for all aspects of the project. New facility included an expanded bleacher section, new rubberized track, additional track and field facilities as well as substantial drainage improvements. Created plans, specifications and bid documents and oversaw bid process for the project
- Work Training Center, Oroville, CA: Design engineer for new facility in Oroville. Project included removal of existing structure, public approval of buildings and site plan as well as engineered plans. Assisted in preparation of project plans, specifications and bid documents. A USDA funded project requiring additional reporting.
- Bille Park Expansion, Paradise CA: Assistant engineer for the expansion of the existing Bille Park for the Park and Recreation Department. The project included a new entrance and parking lot as well as a reception facility. Work took place within existing seasonal drainage swale and expanded a natural spring.

- 
- Paradise Unified School District, Paradise, CA: Assistant engineer for numerous projects for the maintenance department. These projects include parking lot expansions, new playgrounds and resurfacing projects. All PUSD projects include a site plan, specifications and bid process.