



## **JORDAN SCHNEIDER, P.E.**

PROJECT ENGINEER



### **EDUCATION**

#### **B.S. Civil Engineering**

University of Wyoming, Laramie, WY

### **PROFESSIONAL REGISTRATION**

#### **Registered Professional Engineer**

Colorado

### **PROFESSIONAL EXPERIENCE**

Mr. Schneider has five years of civil engineering experience, including: drafting construction documents and plan sets, basic design calculation, development review, and construction inspection for sewer and water line installation, wastewater treatment plant improvements, sewer lift station improvements, and vault improvements. He is proficient in AutoCAD Civil 3D, Adobe Photoshop, Bluebeam Revu, Bentley WaterCAD, and Microsoft Office. He also has experience with ArcGIS, Microstation, Matlab, SpecsIntact, and Solid Works.

### **KEY PROJECT EXPERIENCE**

- *2021 Water Main Capital Improvements Project, East Alamosa Water and Sanitation District, Alamosa, Colorado.* Design/Project Engineer. Drafted a capital improvements plan set for approximately 10,000 LF of water main for the East Alamosa Water and Sanitation District. Coordinated with the District, subsurface utility contractor, and surveyor to develop preliminary base mapping and determine proposed alignment for new waterline in AutoCAD.
- *Maple Grove Park Irrigation Water Bypass, Prospect Recreation and Park District, Wheat Ridge, Colorado.* Design Engineer. Evaluated design survey for the feasibility of rerouting an irrigation water supply to a roadside drainage swale. Drafted construction plans for the installation of piping and a construction cost estimate.
- *Water Quality Pond #6 Improvements Project, Conservatory Metropolitan District, Aurora, Colorado.* Design Engineer. Preliminary plan and profile design for the extension of an existing storm pipe and concrete FES outlet, per Aurora Water Storm Drainage Infrastructure Standards.
- *Planned Development Disinfection System for Well, Town of Buena Vista, Colorado.* Design Engineer. Drafted well disinfection system piping, appurtenances, and details for a proposed development in Buena Vista, Colorado.
- *DCIP 2021 Water Main Replacement, Platte Canyon Water and Sanitation District, Jefferson County, Colorado.* Design Engineer. Corresponded with subsurface utility contractor to develop existing utility base mapping and environmental consultant to meet Clean Water Act Section 404 compliance for the relocation of a water line across Lilley Gulch.

**PREVIOUS EXPERIENCE**

- *Engineer I, Calibre Engineering, Inc.* Designed the irrigation and potable water systems for single-family, mixed-use, and commercial-use developments using WaterCAD. Drafted roadway, storm, potable water, irrigation water, sanitary sewer, and erosion and sediment control drawings for PUD developments and U.S. Military improvement projects using AutoCAD. Prepared a storm water pollution prevention plan for a Squadron Operations Facility at the Cannon Air Force Base in New Mexico. Using National CAD Standards, prepared construction drawings for the demolition of outdated buildings at the Omaha, Nebraska VA Medical Center. Drafted water plans and overall utility plans per Denver Water Standards.
- *Staff Engineer, TST Infrastructure, LLC.* Drafted construction documents, drawings, and specifications for design-bid-build construction projects in various water and sanitation districts. Produced preliminary design reports, feasibility studies, GESC reports, location and extent requests, county permit requests, engineering cost estimates, change orders, pay requisitions, project closeout documents, as-built drawings, and other construction project related tasks. Reviewed product submittals, pay applications, RFIs, and CORs. Inspected the installation of sewer and water lines, wastewater treatment plant improvements, sewer lift station improvements, vault improvements, and corresponded daily with the contractor, operator, and owner. Led pre-bid, bid opening, pre-construction, and weekly progress meetings for construction projects.
- *Civil Engineering Intern, HDR Engineering, Inc.* Compiled Project Manuals, construction agendas, and plan sets, reviewed quantity requirements, bid tabulations, daily and monthly progress reports, and wrote letters to city officials and contractors, inspected construction projects, attended city council meetings and weekly contractor meetings, and surveyed job sites. Used Civil 3D to calculate quantities of specific project items and updated sheets in a sheet set.