

# **LYNA PENNETT**

lynapennett@gmail.com | (909) 334-0785 | Chino Hills, CA

## **EDUCATION**

California State Polytechnic University, Pomona | Pomona, CA

Bachelor of Science in Civil Engineering: Subplan in Environmental Engineering | August 2024

- Current Year: Senior Undergraduate
- GPA: 3.75

High School Diploma | May 2020

Chino Hills High School | Chino Hills, CA

## **PROJECT EXPERIENCE**

Editing and polishing written reports to be more professionally presentable

### **Channel and Culvert Design**

- Performed watershed delineation and hydrologic analysis to determine maximum water inflows and outflows of a residential area
- Designed several concrete channels and culverts sized to 25-year storm flows with appropriate freeboard
- Used AutoCAD for the physical design of the channels and culverts and Microsoft Excel for the sizing calculations

### **Green Roof Design**

- Designed an extensive green roof proposal for a campus building, with the purpose of reducing runoff and providing green spaces
- 63% conservative estimate of total runoff reduction compared to no green roof

### **Pipeline and Water Tower Design**

- Sized a water utility pipeline and water tower for use in a rural community
- Determined the best location for the water tower based on topographic data, road accessibility, and proximity to the community

## **TECHNICAL SKILLS**

### **Engineering Software**

- AutoCAD, ArcGIS, WaterCad, Civil 3D, Microstation

### **Office Software**

- Microsoft Word, Excel, and PowerPoint; Google Docs, Sheets, and Slides

## **WORK EXPERIENCE**

Grocery Courtesy Clerk

Albertsons Companies, Inc. — February 2022 - May 2022