MILL CITY FALLS PARK IMPROVEMENT PROJECT

Located in Mill City, Oregon

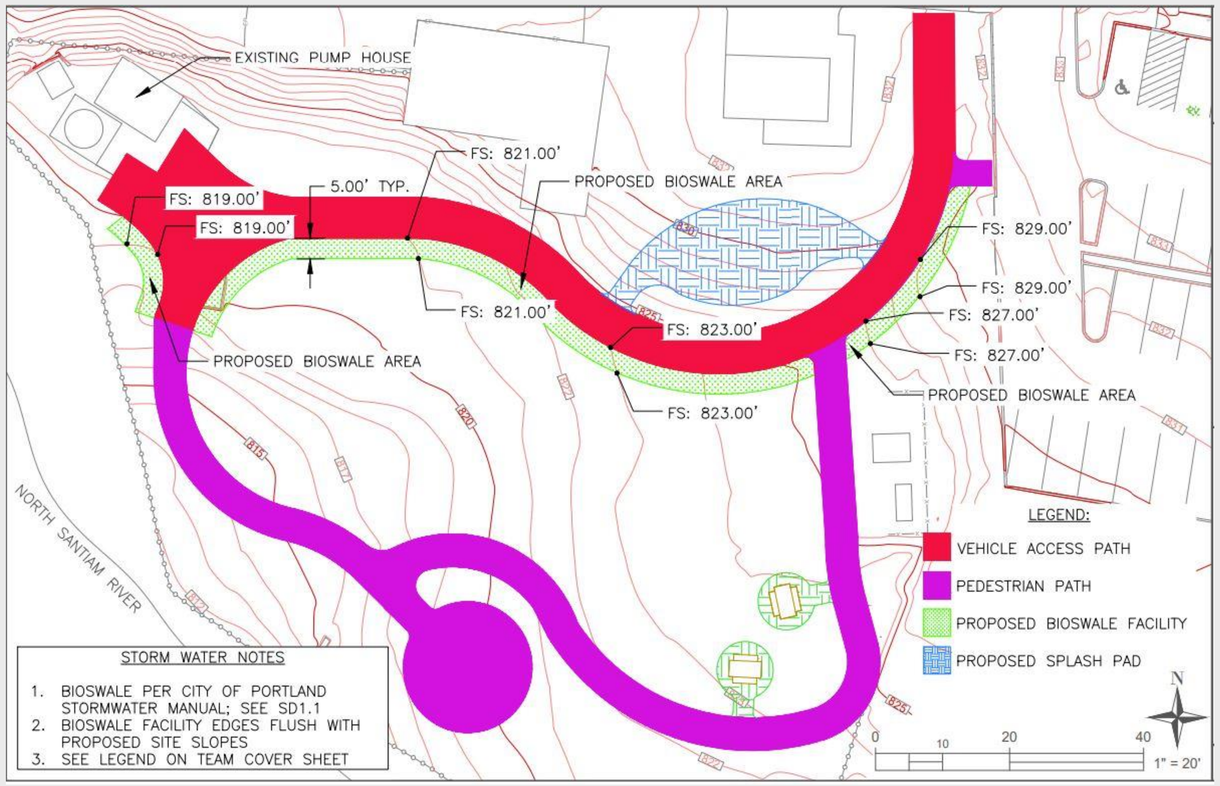
PROJECT OBJECTIVES

- Create an enjoyable community space that still allows access to the existing pump station
- Efficient and safe engineering designs that fall within the client's budget
- Aesthetic look overall

EXISTING CONDITIONS

- Phase 1, public right-of-way section was already completed
- Park lacked site grading, irrigation system, retaining walls, shared use paths, and lighting design

Keller Associates



Final Design Layout

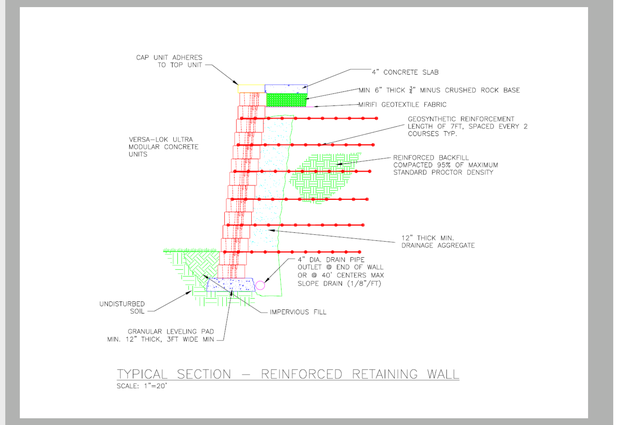
WATER RESOURCES

- Two zone irrigation system for the lawn that utilizes the city's existing water mainline
- Five-foot wide bioswale following south side of vehicle access path and by vehicle turnaround

TRANSPORTATION

- Wider, sturdier walkway allowing truck access to pump station in the west
- Designed to exceed disability access requirements– achieved by changing the layout of the path vs. preliminary design

GEOTECHNICAL



Retaining Wall Design

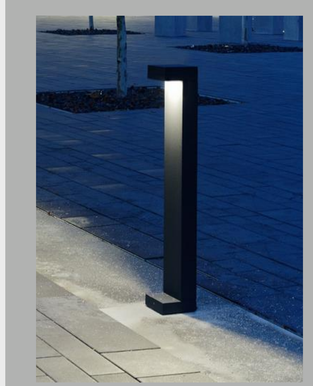
- New retaining wall design for upper area near parking lot

LIGHTING DESIGN

✓ <u>Prevent Light Pollution</u>
DarkSky International

Shielded Bollard – Wide Beam
Adjustable Pole-Top – Cut Off

BEGA 84 220



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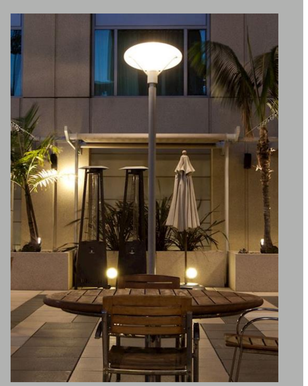

- Daylight Sensors
- Occupancy Senors