

Design Memorandum Template

10000 Block Avondale Erosion Project

City of Redmond

September 2021

OUTLINE

- Overview/project description
- Design Goals
- Existing Conditions
 - Hydrology and Hydraulics
 - Geomorphic and Habitat Assessment
 - Critical Areas Report
 - Geologic assessment
 - Cultural Resources
- Proposed Conditions
 - Wall Design
 - Outfall Design
 - Stream Channel Geometry and LWD Design
 - Floodplain Analysis – No Rise
 - Required Riparian Enhancement Design
- Conclusion
- References
- Appendices