

LUCA ZIROTTI, PE

PROJECT ENGINEER

EDUCATION

BS Civil Engineering
Northern Arizona University

REGISTRATIONS

Professional Engineer
Washington #23030743

SOFTWARE

WWHM
MGS Flood
AutoCAD Civil 3D

YEARS OF EXPERIENCE

5+

With a strong background in private development projects, Luca has experience designing, directing, and coordinating activities of a design team on designated private residential and commercial development projects. As a Project Engineer, Luca ensures goals and objectives of projects are accomplished within prescribed parameters.

Luca has more than 5 years of experience in single-family residential development projects. Being involved in many different jurisdictions across Snohomish County and King County, Luca has a great understanding of stormwater manuals in the greater Seattle area. In addition to this, Luca has numerous levels of familiarity with continuous simulation hydrology modeling software such as WWHM and MGSFlood to size storm water control facilities that mitigate the effects of increased runoff from a proposed development.

RECENT RELEVANT EXPERIENCE *Additional Experience Available Upon Request*

COUNTRYWOOD*

CITY OF WOODINVILLE

Countrywood is an 8-lot residential single-family development project on a 9.4 acre-parcel located in Woodinville, Washington. Luca was the project engineer of record during preparation of the final engineering storm drainage report, civil construction plans, and record drawings. He modeled and designed the drainage system (within lots/access roads), stormwater detention pond, drainage swale bypass system, pond emergency overflow spillway, full dispersion trench, flow dispersal trench detention outfall, and secondary overflow jailhouse weir.

BOTHELL TOWNHOMES*

CITY OF BOTHELL

Bothell Townhomes is a multi-family development, consisting of 17 buildings for a total of 59 townhome units. The developed parcel is located on 4.0 acres in Bothell, Washington. Luca was the project engineer of record for the final engineering storm drainage report, civil construction plans, and record drawings. During preparation of the final engineering drainage report and civil construction plans, Luca calculated onsite stormwater runoff and stormwater system backwater calculations, modeled and designed two stormwater detention vaults, modeled and designed a water quality sand filter vault, designed a TESC plan, and designed an upstream storm bypass system.

*Completed with Blueline, prior to being acquired by Atwell